

# SOUTHERN RAILWAY

## CONTRACT AGREEMENT OF WORKS

CONTRACT AGREEMENT NO.: SR/SRC/Civil/2024/0014

DATE: AS MENTIONED BELOW SIGNATURE

ARTICLES OF AGREEMENT made between the President of India acting through the Railway Administration hereafter called the "Railway" of the one part and **PRUDENT EPC PRIVATE LIMITED-MUMBAI ,509, B WING, GOLF SCAPPE, B/H,, SUNNY ESTATE, SION TROMBAY ROAD, CHEMBUR MUMBAI, Mumbai City, Maharashtra, India, 400071, MUMBAI, Maharashtra-400071 India** herein after called the "Contractor" of other part.

WHEREAS the Contractor has agreed with the Railway for performance of the works "**PERAMBUR NEW RAILWAY HOSPITAL - Providing fire fighting arrangements to newly constructed OPD Block, A-Block, B-Block, D-Block & L-Block.**"

" set forth in the Schedule hereto annexed upon the Standard General Conditions of Contract, corrected upto latest correction slips and the Specifications of Southern Railway corrected upto latest correction slips and the Schedule of Rates of Southern Railway, corrected upto latest correction slips and the Special Conditions and Special Specifications, if any and in conformity with the drawings here-into annexed AND WHEREAS the performance of the said works is an act in which the public are interested.

NOW THIS INDENTURE WITNESSETH that in consideration to the payments to be made by the Railways, the Contractor will duly perform the said works in the said schedule set forth and shall execute the same with great promptness, care and accuracy in a workman like manner to the satisfaction of the Railway and will complete the same in accordance with the said specification and said drawings and said conditions of the contract on or before **04/07/2024** and will maintain the said works for a period of 3.0 Calendar months from the certified date of their completion and will observe, fulfill and keep all the conditions therein mentioned (which shall be deemed and taken to be part of this contract, as if the same have been fully set forth herin), AND the Railway, both hereby agree that if the Contractor shall duly perform the said works in the manner aforesaid and observe and keep the said terms and conditions, the Railway will pay or cause to be paid to the Contractor for the said works on the final completion thereof the amount due in respect thereof at the rates specified in the Schedule hereto annexed.

Contractor: (Signature)

Name: PRUDENT EPC PRIVATE LIMITED-MUMBAI

Address: 509, B WING, GOLF SCAPPE, B/H,,  
SUNNY ESTATE, SION TROMBAY ROAD,  
CHEMBUR MUMBAI, Mumbai City,  
Maharashtra, India, 400071, MUMBAI,  
Maharashtra-400071 India,

Railway: DY.CE/CN/I/MAS

(For President of India)

**VETTED**

## AGREEMENT DETAILS

<b>Railway Name:</b>	Southern Railway	<b>Unit Name:</b>	SR /CONSTRUCTION	<b>Department Name:</b>	Civil
<b>Tender Number:</b>	57-CECNMS-2023-E-398266	<b>Tender Type:</b>	Open		
<b>Nature of Contract:</b>	Works	<b>Date of Completion:</b>	04/07/2024	<b>LOA Number:</b>	10177330094789
<b>LOA Date:</b>	04/01/2024	<b>LOA Amount (Rs.):</b>	39826537	<b>PG Amount (Rs.):</b>	1991400
<b>Contractor's Name:</b>	PRUDENT EPC PRIVATE LIMITED-MUMBAI			<b>Contractor's Code:</b>	1017733
<b>Bidding Style:</b>	Single Rate for Each Schedule	<b>Bidding Unit:</b>		<b>Bid Rate:</b>	
<b>Tender Amount (Rs.):</b>	41922670	<b>Rebate :</b>	0.0	<b>Bid Amount:</b>	39826537

## SCHEDULE DETAILS

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
Sch. Code & Desc. : A Items that are not covered by DSR 2021/USSOR 2021.				Sch. Type: NS			SOR Dir.: NA	41922670	5 % Below	39826537	39826537
Chapter Name: Not Applicable											
1	Group					41922670	0 At Par	41922670			
Description: Items that are not covered by DSR 2021/USSOR 2021.											
Chapter Name: Not Applicable											
	8500096	37	Numbers	6419.2	237510		41922670.14				
Description: Supply of Fire Fighting Application MS Hose Box to keep two number of hoses and 1 No. of branch pipe with nozzle having proper glass window type double door with universe open key, painted inside white and outside Post Office Red, near every hydrant point including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specifications and as directed by the Departmental Officers. Make: (Make: OMEX/ KARTAR/ SAFE GUARD/ Equivalent)											
	8500097	45	Numbers	2633.76	118519		41922670.14				
Description: Supply and fixing Hose Tray to accommodate 15 metre RRL Hose 2 Nos. and Branch pipe in Fire Duct as directed by the Departmental Officers.											
	8500098	120	Running Metre	377.6	45312		41922670.14				
Description: Wrapping and coating anti-corrosive treatment for the following under ground MS pipe having one coat of anticorrosive metal primer, one layer of asphalt tar tape wound over th MS pipe as per standard methods as per standard specifications and as directed by the Departmental Officers.  150mm dia. Wrapping and coating											
	8500099	7	Numbers	26101.6	182711		41922670.14				
Description: Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent)  150mm dia. Heavy Duty Foot Valve at Pump Room											

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		8500100	13	Numbers	7822.22	101689		41922670.14			
		Description: Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent)  80mm dia. Heavy Duty Foot Valve at Pump Room									
		8500101	1	Numbers	20768.0	20768		41922670.14			
		Description: Supply and providing 1000 Litres capacity Priming Tank made up of PVC Make: SINTEX/ Equivalent									
		8500102	1	Numbers	29730.1	29730		41922670.14			
		Description: Priming Tank mounted with the Supporting Arrangement fabricated using MS Angle for the height of 3 metres from the floor level, inlet, outlet and drain arrangements inside the fire fighting pump room as directed by the Departmental Officers.									
		8500103	100	Running Metre	3363.0	336300		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent)  4 core 250 sq.mm Armoured Aluminium cable									
		8500104	80	Running Metre	613.6	49088		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent)  3 core 10 sq.mm Armoured Copper cable									
		8500105	30	Running Metre	559.32	16780		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent)  10 core 2.5 sq.mm Armoured Copper cable									
		8500106	60	Running Metre	156.94	9416		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent)  2 core 2.5 sq.mm Armoured Copper cable									
		8500107	240	Running Metre	870.84	209002		41922670.14			

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 4 core 95 sq.mm Armoured Aluminium cable									
		8500108	135	Running Metre	1534.0	207090		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 3 core 25 sq.mm Armoured Aluminium cable									
		8500109	135	Running Metre	156.94	21187		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 2 core 2.5 sq.mm Armoured Copper cable									
		8500110	135	Running Metre	413.0	55755		41922670.14			
		Description: Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specificationa nd as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 1 core 6 sq.mm Flexible Copper cable									
		8500111	12	Numbers	1085.6	13027		41922670.14			
		Description: Supply, erection, testing and commissioning of Pressure Gauge with 0 to 14kg range of reputed make with necessary valve, milling thread MS coupling fixed at delivery pipe line in pump house to read the developing pressure including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: H-GURU/ ISI MAKE/ Equivalent)									
		8500113	8	Numbers	3020.8	24166		41922670.14			
		Description: Supply and keeping in position of 9 litres capacity Fire Buckets of 4 Nos. with Bucket stand as per standard specifications and as directed by the Departmental Officers.									
		8500114	13	Numbers	1019.52	13254		41922670.14			
		Description: Supply, erection, testing and commissioning of Air Release Valve of 20mm dia. So as to release airlock in 100mm dia MS pipe at top most wet riser including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers.									
		8500115	397	Numbers	592.36	235167		41922670.14			
		Description: Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications.  80mm dia Wall or Suspenders									

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		8500116	406	Numbers	566.4	229958		41922670.14			
Description: Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications. 65mm dia Wall or Suspenders											
		8500117	420	Numbers	548.7	230454		41922670.14			
Description: Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 50mm dia Wall or Suspenders											
		8500118	1371	Numbers	141.6	194134		41922670.14			
Description: Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 25mm dia Wall or Suspenders											
		8500119	248	Numbers	2643.2	655514		41922670.14			
Description: Supply and fixing of stored pressure ABC (Mono Ammonium Phosphate) Powder Type Fire Entinguisher of 6 Kg capacity as per IS:15683 with pressure gauge, discharge hose & control nozzle, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent											
		8500120	236	Numbers	7552.0	1782272		41922670.14			
Description: Supply and fixing Carbon-di-Oxide Gas Type 2 Kg capacity Fire Entinguisher as per New IS:15683, complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent											
		8500121	6	Numbers	33040.0	198240		41922670.14			
Description: Supply and keeping in position of Trolley Mounted Type 22.5 kg Carbon-di-Oxide Fire Entinguisher as per IS:15683, complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, mounting trolley with moving wheel, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent											
		8500122	2	Numbers	17110.0	342200		41922670.14			
Description: Supply of Addressable intelligent fire alarm 4- Loop Panel which consists of display board which will have 160 character Display with Touch key pad, Mother board which will have CORTEX 32 Bit Processor, In built RS-485 Networking circuit for peer to peer networking, Inbuilt USB 2.0 port for upload and download of configuration tools, Two inbuilt programmable inputs, Two inbuilt NACs and Three Programmable relays and 4 Loop Card Circuits, power supply board which will have SMPS fully protected board, which operates on 120 to 230 V AC A+/- 10% with 50/60 Hz, battery back up 24V DC with built-in charger, the panel have IP-50 rating Optional: for BMS integration MODBUS converter, Graphical software, Software for TCP/IP module, Provision for Auto dialler Approval UL Listed (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)											

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		850 012 3	10	Numb ers	37760. .0	377600		41922670. 14			
		Description: Supply, installation, testing and commissioning of Loop Card which will have 254 devices of both detectors and modules in a single line circuit, SLC supports both Class A and Class B wiring Approval: (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)									
		850 012 4	11	Numb ers	6608. 0	72688		41922670. 14			
		Description: Supply and fixing of MONITOR MODULE suitable for 4 Loop panel with built in software data with adoter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)									
		850 012 5	13	Numb ers	7316. 0	95108		41922670. 14			
		Description: Supply and fixing of RELAY MODULE suitable for 4 Loop panel with built in software data with adoter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)									
		850 012 6	4	Numb ers	8024. 0	32096		41922670. 14			
		Description: Supply and fixing of 5 Amps Capacity power Supply Unit suitable for 4 x 2 Loop control panel (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)									
		850 012 7	3600	Runni ng Metre	194.7	700920		41922670. 14			
		Description: Supply and installation of PVC Casing cap of size100x50mm similar to Crown or similar brand conforming to IS 9537(Pt.3):1983, thickness2.4mm(heavy) to conceal the25mm MS pipes on the wall surface as directed by Engineer-in-Charge.									
		850 012 8	78	Set	6139. 0	478842		41922670. 14			
		Description: Supply and fixing single headed internal hydrant valve with instantaneous Gunmetal / Stainless Steel coupling of 63mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal / Stainless Steel cap and chain as required: Single headed Stainless steel (18.9.2)									
		850 012 9	41	Set	8675. 0	355675		41922670. 14			
		Description: Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 30M (18.17.1)									
		850 013 0	156	Set	4448. 0	693888		41922670. 14			
		Description: Supply, and fixing 63mm dia, 15m long RRL hose pipe with 63mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required: Stainless Steel (Grade 304)(18.16.2)									
		850 013 1	78	Numb ers	1662. 0	129636		41922670. 14			
		Description: Supply, and fixing 63mm dia gun metal short branch pipe with 20mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required: Stainless Steel (Grade 304) (18.18.2)									
		850 013 2	1076	Each	522.0	561672		41922670. 14			
		Description: Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Pendent Sprinkler (18.21.1)									
		850 013 3	1393	Each	617.0	859481		41922670. 14			

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		Description: Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Horizontal Side wall Sprinkler (18.21.3)									
		850 013 4	1160	Each	225.0	261000		41922670.14			
		Description: Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL listed or FM approved complete as required. (18.29)									
		850 013 5	1160	Set	1578.0	1830480		41922670.14			
		Description: Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stock bar of following sizes complete as required. 1000mm (18.25.2)									
		850 013 6	4	Set	45002.0	180008		41922670.14			
		Description: Providing, fixing, testing & commission of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm emergency releases, stainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required 100MM dia (18.24.2)									
		850 013 7	13	Metre	5463.0	71019		41922670.14			
		Description: Providing, laying, testing & commissioning of &apos;C&apos; class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 200mm dia MS C Class Heavy Pipe (6.3mm thick)(18.7.9)									
		850 013 8	2222	Metre	3574.0	7941428		41922670.14			
		Description: Providing, laying, testing & commissioning of &apos;C&apos; class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 150mm dia MS C Class Heavy Pipe(18.7.8)									
		850 013 9	508	Metre	2555.0	1297940		41922670.14			
		Description: Providing, laying, testing & commissioning of &apos;C&apos; class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 100mm dia MS C Class Heavy Pipe(18.7.7)									
		850 014 0	1030	Metre	1885.0	1941550		41922670.14			
		Description: Providing, laying, testing & commissioning of &apos;C&apos; class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 80mm dia MS C Class Heavy Pipe(18.7.6)									
		850 014 1	978	Metre	1614.0	1578492		41922670.14			

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Excl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		Description: Providing, laying, testing & commissioning of &C& class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 65 mm dia MS C Class Heavy Pipe(18.7.5)									
		850 014 2	1093	Metre	1281. 0	1400133		41922670. 14			
		Description: Providing, laying, testing & commissioning of &C& class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 50mm dia MS C Class Heavy Pipe(18.7.4)									
		850 014 3	3568	Metre	744.0	2654592		41922670. 14			
		Description: Providing, laying, testing & commissioning of &C& class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 25mm dia MS C Class Heavy Pipe(18.7.1)									
		850 014 4	17	Set	22762 .0	386954		41922670. 14			
		Description: Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 150mm dia Sluice Valve(18.12.6)									
		850 014 5	9	Set	14641 .0	131769		41922670. 14			
		Description: Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 100mm dia Sluice Valve(18.12.5)									
		850 014 6	24	Set	10696 .0	256704		41922670. 14			
		Description: Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 80mm dia Sluice Valve at Sprinkler Header at Every Floor(18.12.4)									
		850 014 7	5	Set	17786 .0	88930		41922670. 14			
		Description: Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 150 mm dia NRV(18.14.7)									
		850 014 8	1	Set	11050 .0	11050		41922670. 14			
		Description: Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 100mm dia NRV (18.14.5)									
		850 014 9	4	Set	7207. 0	28828		41922670. 14			
		Description: Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 50mm dia (18.12.2)									



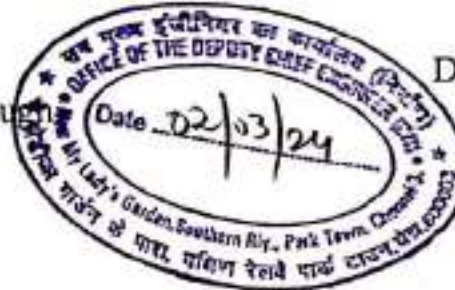
SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		850 015 0	1	Set	5790. 0	5790		41922670. 14			
		Description: Supply, erection, testing and commissioning of Non-Return Valve of following sizes confirming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 50mm dia(18.14.2)									
		850 015 1	1	Each	6855. 0	6855		41922670. 14			
		Description: Providing and fixing earth bus of 50mm x 5mm copper strip on surface for connections etc. as required (5.20)									
		850 015 2	1	Set	68492 3.0	684923		41922670. 14			
		Description: A) Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Diesel Driven Pump) (B) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. (D) MS fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti-Vibration Pads 2850 LPM at 88M head(18.2.1)									
		850 015 3	2	Set	45251 9.0	905038		41922670. 14			
		Description: A) Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required: (B) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-’F’ insulation, conforming to IS-325. (D) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered with anti vibration pads. 2850LPM at 88M Head (18.1.1)									
		850 015 4	2	Set	12714 8.0	254296		41922670. 14			
		Description: (A) Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Jockey Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-’F’ insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 180LPM 88m head(18.3.1)									
		850 015 5	1	Set	10185 9.0	101859		41922670. 14			

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate	Bid Amount (Rs)	Sch. Bid Total
		850 015									
		6	1	Set	57571 1.0	575711		41922670. 14			
		Description: (A) Supplying, installation, testing and commissioning of electric driven terrace pump suitable for automatic operation and consisting of following, complete in all respects, as required: (terrace Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class- &insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 900LPM at 35M Head(18.4.1)									
		850 015									
		7	3	Set	13974 .0	41922		41922670. 14			
		Description: INCOMING 800A, 50kA 4 Pole MCCB, Ics=100% Icu Rating Digital Voltmeter 0-500V with selector switch Ammeter (0-800 A) with selector switch & CTs etc. LED type RYB phase indicating lamps, ON, OFF, trip indicating Set of Copper Bus Bar 1000Amps <b>OUTGOING</b> (Note: All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps) <b>MAIN FIRE PUMP</b> 250 Amp, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 100 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets <b>JOCKEY PUMP</b> 125 Amp, 50kA TPN MCCB, Ics=100% Icu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets <b>DIESEL ENGINE CONTROL</b> Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter(18.5.6)									
		850 015									
		8	1102	Each	2858. 0	3149516		41922670. 14			
		Description: Supplying , installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.(17.2.4)									
		850 015									
		9	56	Each	3871. 0	216776		41922670. 14			
		Description: Supply, installation, testing and commissioning of Addressable Manual Call Point as manual call point complete as required(17.2.14)									
		850 016									
		0	54	Each	2651. 0	143154		41922670. 14			
		Description: Supply, installation, testing and commissioning of intelligent Addressable programmable sounder complete as required (17.2.6)									
		850 016									
		1	11290	Metre	173.0	1953170		41922670. 14			
		Description: Supply and laying of 2 x 1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required(17.5.2)									

SN	Item Type	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Advt.Value (Rs)	Bid Rate/Unit Rate		Bid Amount (Rs)	Sch. Bid Total
		8500162	14	Each	3003.0	42042		41922670.14				
Description: Supply , installation, testing and commissioning of addressable Fire Control Module complete as required.(17.2.10)												
		8500163	49	Each	3270.0	160230		41922670.14				
Description: Supply , installation, testing and commissioning of fault isolator complete with base as required(17.2.7)												
		8500164	13	Each	126411.0	1643343		41922670.14				
Description: Supply, installation, testing and commissioning of 6 zone voice alarm controller with USB, MP3 player (including 6 zone button paging station) with seamless integration facility with the main fire alarm panel for voice evaluation complete as required.(17.3.1)												
		8500165	88	Each	1793.0	157784		41922670.14				
Description: Supply, installation, testing and commissioning of 1.5/3/6W metal box ceiling / wall speakers complete as required(17.3.3)												
		8500166	5	Each	145793.0	728965		41922670.14				
Description: Supply, installation, testing and commissioning of amplifier 75 watt, 25 V rms operating at 240 Volt AC supply complete as required(17.3.7)												
		8500167	5	Each	81756.0	408780		41922670.14				
Description: Supply, installation, testing and commissioning of Voice command keypad 6 zone command keypad 6 zone, with microphone assembly complete as required(17.3.9)												
		8500168	4720	Metre	54.0	254880		41922670.14				
Description: Suppling and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnection etc., as required. Speaker cable Single pair, 2-core, 1.5 Sq mm (17.5.3.1)												
		8500169	2	Each	200611.0	401222		41922670.14				
Description: Supply, Installation, Testing and Commissioning of Central graphical fire Alarm management system to centrally monitor and operate the fire alarm system complete as required.(17.2.2)												
		8500170	1	Each	108688.0	108688		41922670.14				
Description: Supply of Addressable fire alarm Repeater Panel with 320 character / Touch screen LCD display with inbuilt reset, acknowledge and silence switches complete as required.(17.2.3)												
				Advt. Total :		41,922,670.14		Sch. Bid Total :		39,826,536.63		
Bidding Style :	Single Rate for Each Schedule				Bid Rate :			Bid Amount :		39826537		
Rebate :				0.0		Total Agreement Value :				39826537		

PEPL/2023-24/F&A/0102

To,  
The President of India Acting through  
FA&CAO/CN/MS  
Southern Railway,  
Egmore, Chennai 600 008.



Date: 02.03.2024

**Sub: Submission of Extension Security Deposit in form of BG of Rs. 19,91,400/-**

Dear Sir/Madam,

With reference to above subject, we are submitting extension security deposit in the form of Bank Guarantee as per your LOA Letter No. **CONST-HQ-ENGG/57-CECNMS-2023-E-398266/10177330094789 DT 04/01/2024**

The details of Extension Bank Guarantee is given below.

<b>Applicant Name</b>	-	<b>M/s. Prudent EPC Private Limited</b>
<b>BG No.</b>	-	<b>373601LG000624</b>
<b>Bank Name</b>	-	<b>Punjab National Bank (Ville Parle, Mumbai)</b>
<b>Amount of BG</b>	-	<b>19,91,400/-</b>
<b>Date of Issue</b>	-	<b>01.03.2024</b>
<b>Expiry Date</b>	-	<b>28.02.2025</b>

Request to you kindly accept and acknowledge the same.

Thank You.

Yours Sincerely,  
For **Prudent EPC Private Limited**



Authorized Signatory  
**Lavesh Vaity – Accounts Manager**  
Encl – Original Bank Guarantee

Prudent EPC Pvt. Ltd.

91/B, Near Vishal Tower No. 2, S. G. Barve Marg, Kamgar Nagar, Kurla (E), Mumbai 400 024.  
T +91 22 2522 0676 E sales@prudentepc.com | accounts@prudentepc.com \* www.prudentepc.com  
Regd Office: B-509, Golf Scape, Behind Sunny Estate, Sion Trombay Road, Chembur, Mumbai 400 071.  
CIN: U72900MH2019PTC323399



गारंटी पत्र के लिए मानक आवरण पत्र  
STANDARD COVERING LETTER FOR LETTER OF GUARANTEE



शाखा :  
Branch : BO: VILE PARLE EAST (373600)  
टेलीफोन नंबर :  
Telephone No. :  
ईमेल पता :  
Email Address : b03736@pnb.co.in  
मुद्रित क्रमांक :  
Printed Serial No. : TYX 153825

To,  
The President of India Acting Through  
FA & CAO / CN / MS  
Southern Railway, Egmore, Chennai  
माननीय महोदय, Tamil Nadu - 600008  
Dear Sir,

कृपया हमारा संलग्नक गारंटी पत्र संख्या \_\_\_\_\_ दिनांक \_\_\_\_\_ को  
रुपये \_\_\_\_\_ (₹ \_\_\_\_\_) के लिए दिनांक \_\_\_\_\_ तक  
वैध प्राप्त करें, जो \_\_\_\_\_ के अनुरोध  
पर इस कार्यालय द्वारा (1) श्री/सुश्री \_\_\_\_\_ पदनाम \_\_\_\_\_ और  
(2) श्री/सुश्री \_\_\_\_\_ पदनाम \_\_\_\_\_  
के संयुक्त हस्ताक्षर से जारी की गई।

Please find enclosed our letter of guarantee no. 373601LG000624 dated 01.03.2024  
for an amount of ₹ 1991400/- Rupees Nineteen Lacs Ninety One Thousand Four Hundred Only.  
valid till 28.02.2025 and issued at the request of M/s Prudent EPC Private Limited by this  
office under the joint signatures of (1) Sh./Ms. RAJAN SONI  
Designation MANAGER (2) Sh./Ms. JITENDRA KUMAR  
Designation CHIEF MANAGER

उक्त गारंटी पत्र का संदेश आपके बैंक को एस एफ एम एस गेटवे के माध्यम से प्रेषित कर दिया गया है। यह परामर्श है कि आप अपने हित में, अपने बैंक  
/शाखा से गारंटी के उपरोक्त पत्र की वास्तविकता को सत्यापित कर सकते हैं। साथ ही, गारंटी फॉर्म की वास्तविकता हमारे नियंत्रण कार्यालय से  
सत्यापित की जा सकती है, जो  
(पता, ईमेल आईडी, नियंत्रण कार्यालय का संपर्क नंबर) है, जिसे इस पत्र की एक प्रति पृष्ठांकित की जा रही है।

The message of the said letter of guarantee has been transmitted through SFMS gateway to your bank. It is advised that in  
your own interest, you may verify the genuineness of above letter of guarantee from your Bank/Branch. Also, the  
genuineness of guarantee form be verified from our Controlling Office, which is PNB BKC Pragati Tower  
5th Floor, Bandra East, Mumbai (Address, Email ID, Contact No. of the Controlling  
Office), to whom a copy of this letter is being endorsed.  
आपका भवदीय, Yours faithfully

दिनांक Date : 01-03-2024

प्रतिलिपि: मंडल प्रमुख \_\_\_\_\_ (पता) हमारे  
कार्यालय द्वारा उपर्युक्त गारंटी की प्रति सूचना तथा रिकॉर्ड हेतु प्रस्तुत  
CC : The Circle Head PNB, BKC Pragati Tower, 5th Floor, Bandra East, Mumbai (address)  
along with a copy of the above said guarantee issued by us for his information and record.









**"PERAMBUR NEW RAILWAY HOSPITAL - Providing fire fighting arrangements to newly constructed OPD Block, A Block, B-Block, D-Block & L-Block"** and whereas one of the terms agreed by the said contractor, is that he should give a Performance Guarantee in the form an irrevocable Bank Guarantee amounting to 5% of the contract value i.e Rs.19,91,400/- (Nineteen Lakh Ninety One Thousand Four Hundred only) valid up to 28.02.2025 by way of security for the due observance of the terms and condition, performance and fulfillment of the said contract.

**We, Punjab National Bank, BO:VILE PARLE EAST** (" hereinafter referred to as the Bank) at the request of contractor do hereby irrevocably and unconditionally guarantee to the Government that the contractor shall duly perform and discharge their obligations under the contract to the full satisfaction of the Government and render all necessary and efficient services which may be required to be rendered by the contractor in connection with and/or for the performance of works as per the specification stipulated in Tender Notice No 57-CECNMS-2023-E-398266 dt 29/11/2023 and Letter of Acceptance No CONST-HQ-ENGG/57-CECNMS-2023-E-398266/10177330094789 DT 04/01/2024 reckoned from the date as per the letter of acceptance, and further guarantees that the works which shall be done by the contractor under the said contract, shall be actually performed in accordance with terms and conditions of the contract to the full satisfaction of the Government.

**We, Punjab National Bank, BO:VILE PARLE EAST** ("hereinafter called the Bank") do hereby undertake to pay to the Government an amount not Rs.19,91,400/- (Nineteen Lakh Ninety One Thousand Four Hundred only) against any loss or damage caused to or suffered or would be caused or suffered by the Government by reason of any breach by the said Contractor of any terms and conditions contained in the said contract.

**We, Punjab National Bank, BO:VILE PARLE EAST** (" hereinafter called the Bank") to hereby undertake to pay the amount due and payable under the Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Government by reason of breach by the said contractor of any of the terms or conditions contained in the said Agreement or by reasons off the contractor (s); failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.19,91,400/- (Nineteen Lakh Ninety One Thousand Four Hundred only)

**We, Punjab National Bank, BO:VILE PARLE EAST** (" hereinafter called the Bank") undertake to pay to the Government any money so demanded not withstanding any disputes or dispute raised by the said Contractor in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liabilities for payment there under and the said Contractor shall have no claim against us for making such payment.

373601L6000624

Rs 1991400/-

uptil 28.02.2025



We, Punjab National Bank, BO:VILE PARLE EAST(" (hereinafter called the Bank") agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement including the maintenance period and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till P&CAO/CN/MS Southern Railway, Chennai 600008 (Government) certified that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee. Unless demand or claim under this guarantee is made on us in writing on or before the date 28.02.2025 we shall be discharged from all liability under guarantee thereafter.

In the event of the period of the Contractor being extended and the contractor fails to extend the validity of this guarantee for a further period to cover the extended period of contract before the validity date of this guarantee, a mere demand or claim made on the Bank by the Government on or before the date of discharge of this guarantee can be conclusive as regards the amount due and payable by the Bank Under this Guarantee, unless the contractor extended the validity and the Bank shall pay the amount forthwith to the Government.

The Government shall be a liberty without our knowledge or consent from time to time to grant or allow extension of time or give indulgence to the contractor or to modify the terms and conditions of the said order with the contractor without affecting or impairing the guarantee or our liability hereunder.

The decision of the Government whether any default has occurred or has been committed by the contractor in the performance, observance or discharge of the terms and conditions of the said order shall be conclusive and binding on us.

This guarantee is a continuing one and will not be revoked except with the prior written consent of the Government.

The guarantee herein before contained neither shall not be affected by any change in the Constitution of Bank or of the Contractor.

The said contractor from time to time or to postpone for any time or from time to time any of all powers exercisable by the Government against the said Contract and to forbear or enforce any of the

373601LG 000624 Rs 1991400/-  
uptil 28.02.2025





terms and conditions relating to the said agreement and we shall not be relived from our liability by reason or any such Variation or extension being granted to the said contractor or for any forbearance act or omission of the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under lay relating to sureties would but for provision have effect of so reliving use.

Notwithstanding anything contained herein

Our liability under this Bank Guarantee shall not exceed Rs.19,91,400/- (Nineteen Lakh Ninety One Thousand Four Hundred only)



- a) Stand completely discharged and all your rights under this guarantee shall stand extinguished if no claim or demand is made upon us in writing and received by us on or before 28/02/2025
- b) Lastly, We, **Punjab National Bank, BO:VILE PARLE EAST** ("undertake not to revoke this guarantee during it currency except with the previous consent of the Government in writing.
  - (i) our liability under this Guarantee shall be limited to the sum of Rs.19,91,400/- (Nineteen Lakh Ninety One Thousand Four Hundred only)
  - (ii) This bank guarantee will be valid upto 28.02.2025.
  - (iii) We are liable to pay the guaranteed amount or any part there of under this bank guarantee only and only if you serve upon us a written claim or demand on or before 28.02.2025

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN

1 OUR LIABILITY UNDER THIS GUARANTEE SHALL NOT EXCEED RUPPEES RS.19,91,400/- (NINETEEN LAKH NINETY ONE THOUSAND FOUR HUNDRED ONLY)

2 THIS BANK GUARANTEE SHALL BE VALID UPTO 28.02.2025 BEING THE DATE OF EXPIRY OF THIS GUARANTEE

3 FURTHER A CLAIM PERIOD OF DAYS AFTER VALIDITY PERIOD IS AVAILABLE TO YOU TO MAKE A DEMAND UNDER THE BANK GUARANTEE IN RESPECT OF A CLAUSE OF ACTION WHICH HAS ARISEN DURING THE VALIDITY PERIOD ONLY

4 WE ARE LIABLE TO PAY UP TO THE GUARANTEE AMOUNT if and only if WE RECIEVE FROM YOU A WRITTEN CLAIM OR DEMAND WITHIN THE VALIDITY PERIOD OF THE GUARANTEE AS ABOVE OR WITHIN CLAIM PERIOD IF ANY

373601L4000624 R01991400L

upto 28.02.2025



This Bank Guarantee shall be effective only when the BG message is transmitted by the issuing Bank through SFMS to CENTRAL BANK OF INDIA, CHENNAI MAIN Br. 016, II 2<sup>nd</sup> Line Beach, Chennai-600001., , A/C NO. 1186402609 IFSC CODE - CBIN0280876 and written confirmation to the effect is issued by Bank of Beneficiary.

Dated: 01-03-2024

373601LG 000624 Rs 1991400/- upto 28-02-25

FOR

Witness:

1)

*[Signature]*  
40182

2)

*[Signature]*  
45515



**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

**CE/CN/MS** acting for and on behalf of The President of India invites E-Tenders against Tender No **57-CECNMS-2023-E-398266** Closing Date/Time 29/11/2023 15:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	PERAMBUR NEW RAILWAY HOSPITAL - Providing fire fighting arrangements to newly constructed OPD Block, A-Block, B-Block, D-Block & L-Block.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	29/11/2023 15:30	<b>Date Time Of Uploading Tender</b>	07/11/2023 18:32
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	41922670.14	<b>Tendering Section</b>	WORKS
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	359600.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	15/11/2023	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A</b> -Items that are not covered by DSR 2021/USSOR 2021.							41922670.14	Above/ Below/Par
1	Please see Item Breakup for details.			41922670.14	AT Par		41922670.14	
	<b>Description:-</b> Items that are not covered by DSR 2021/USSOR 2021.							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-Items that are not covered by DSR 2021/USSOR 2021.						
<b>Item- 1</b>	Items that are not covered by DSR 2021/USSOR 2021.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	8500096	Supply of Fire Fighting Application MS Hose Box to keep two number of hoses and 1 No. of branch pipe with nozzle having proper glass window type double door with universe open key, painted inside white and outside Post Office Red, near every hydrant point including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specifications and as directed by the Departmental Officers. Make: (Make: OMEX/ KARTAR/ SAFE GUARD/ Equivalent)	Numbers	37.00	6419.20	237510.40	
2	8500097	Supply and fixing Hose Tray to accommodate 15 metre RRL Hose 2 Nos. and Branch pipe in Fire Duct as directed by the Departmental Officers.	Numbers	45.00	2633.76	118519.20	
3	8500098	Wrapping and coating anti-corrosive treatment for the following under ground MS pipe having one coat of anticorrosive metal primer, one layer of asphalt tar tape wound over th MS pipe as per standard methods as per standard specifications and as directed by the Departmental Officers. 150mm dia. Wrapping and coating	Running Metre	120.00	377.60	45312.00	

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

4	8500099	Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent) 150mm dia. Heavy Duty Foot Valve at Pump Room	Numbers	7.00	26101.60	182711.20
5	8500100	Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent) 80mm dia. Heavy Duty Foot Valve at Pump Room	Numbers	13.00	7822.22	101688.86
6	8500101	Supply and providing 1000 Litres capacity Priming Tank made up of PVC Make: SINTEX/ Equivalent	Numbers	1.00	20768.00	20768.00
7	8500102	Priming Tank mounted with the Supporting Arrangement fabricated using MS Angle for the height of 3 metres from the floor level, inlet, outlet and drain arrangements inside the fire fighting pump room as directed by the Departmental Officers.	Numbers	1.00	29730.10	29730.10
8	8500103	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 4 core 250 sq.mm Armoured Aluminium cable	Running Metre	100.00	3363.00	336300.00
9	8500104	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 3 core 10 sq.mm Armoured Copper cable	Running Metre	80.00	613.60	49088.00
10	8500105	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 10 core 2.5 sq.mm Armoured Copper cable	Running Metre	30.00	559.32	16779.60

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

11	8500106	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 2 core 2.5 sq.mm Armoured Copper cable	Running Metre	60.00	156.94	9416.40
12	8500107	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 4 core 95 sq.mm Armoured Aluminium cable	Running Metre	240.00	870.84	209001.60
13	8500108	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 3 core 25 sq.mm Armoured Aluminium cable	Running Metre	135.00	1534.00	207090.00
14	8500109	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 2 core 2.5 sq.mm Armoured Copper cable	Running Metre	135.00	156.94	21186.90
15	8500110	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 1 core 6 sq.mm Flexible Copper cable	Running Metre	135.00	413.00	55755.00
16	8500111	Supply, erection, testing and commissioning of Pressure Gauge with 0 to 14kg range of reputed make with necessary valve, milling thread MS coupling fixed at delivery pipe line in pump house to read the developing pressure including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: H-GURU/ ISI MAKE/ Equivalent)	Numbers	12.00	1085.60	13027.20
17	8500113	Supply and keeping in position of 9 litres capacity Fire Buckets of 4 Nos. with Bucket stand as per standard specifications and as directed by the Departmental Officers.	Numbers	8.00	3020.80	24166.40

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

18	8500114	Supply, erection, testing and commissioning of Air Release Valve of 20mm dia. So as to release airlock in 100mm dia MS pipe at top most wet riser including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers.	Numbers	13.00	1019.52	13253.76
19	8500115	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications. 80mm dia Wall or Suspenders	Numbers	397.00	592.36	235166.92
20	8500116	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications. 65mm dia Wall or Suspenders	Numbers	406.00	566.40	229958.40
21	8500117	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 50mm dia Wall or Suspenders	Numbers	420.00	548.70	230454.00
22	8500118	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 25mm dia Wall or Suspenders	Numbers	1371.00	141.60	194133.60
23	8500119	Supply and fixing of stored pressure ABC (Mono Ammonium Phosphate) Powder Type Fire Extinguisher of 6 Kg capacity as per IS:15683 with pressure gauge, discharge hose & control nozzle, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	248.00	2643.20	655513.60
24	8500120	Supply and fixing Carbon-di-Oxide Gas Type 2 Kg capacity Fire Extinguisher as per New IS:15683, complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	236.00	7552.00	1782272.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

25	8500121	Supply and keeping in position of Trolley Mounted Type 22.5 kg Carbon-di-Oxide Fire Extinguisher as per IS:15683, complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, mounting trolley with moving wheel, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	6.00	33040.00	198240.00
26	8500122	Supply of Addressable intelligent fire alarm 4- Loop Panel which consists of display board which will have 160 character Display with Touch key pad, Mother board which will have CORTEX 32 Bit Processor, In built RS-485 Networking circuit for peer to peer networking, Inbuilt USB 2.0 port for upload and download of configuration tools, Two inbuilt programmable inputs, Two inbuilt NACs and Three Programmable relays and 4 Loop Card Circuits, power supply board which will have SMPS fully protected board, which operates on 120 to 230 V AC A+/- 10% with 50/60 Hz, battery back up 24V DC with built-in charger, the panel have IP-50 rating Optional: for BMS integration MODBUS converter, Graphical software, Software for TCP/IP module, Provision for Auto dialler Approval UL Listed (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	2.00	171100.00	342200.00
27	8500123	Supply, installation, testing and commissioning of Loop Card which will have 254 devices of both detectors and modules in a single line circuit, SLC supports both Class A and Class B wiring Approval: (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	10.00	37760.00	377600.00
28	8500124	Supply and fixing of MONITOR MODULE suitable for 4 Loop panel with built in software data with adopter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	11.00	6608.00	72688.00
29	8500125	Supply and fixing of RELAY MODULE suitable for 4 Loop panel with built in software data with adopter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	13.00	7316.00	95108.00
30	8500126	Supply and fixing of 5 Amps Capacity power Supply Unit suitable for 4 x 2 Loop control panel (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	4.00	8024.00	32096.00
31	8500127	Supply and installation of PVC Casing cap of size 100x50mm similar to Crown or similar brand conforming to IS 9537(Pt.3):1983, thickness 2.4mm (heavy) to conceal the 25mm MS pipes on the wall surface as directed by Engineer-in-Charge.	Running Metre	3600.00	194.70	700920.00
32	8500128	Supply and fixing single headed internal hydrant valve with instantaneous Gunmetal / Stainless Steel coupling of 63mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal / Stainless Steel cap and chain as required: Single headed Stainless steel (18.9.2)	Set	78.00	6139.00	478842.00
33	8500129	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 30M (18.17.1)	Set	41.00	8675.00	355675.00
34	8500130	Supply, and fixing 63mm dia, 15m long RRL hose pipe with 63mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required: Stainless Steel (Grade 304)(18.16.2)	Set	156.00	4448.00	693888.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

35	8500131	Supply, and fixing 63mm dia gun metal short branch pipe with 20mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required: Stainless Steel (Grade 304) (18.18.2)	Numbers	78.00	1662.00	129636.00
36	8500132	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Pendent Sprinkler (18.21.1)	Each	1076.00	522.00	561672.00
37	8500133	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Horizontal Side wall Sprinkler (18.21.3)	Each	1393.00	617.00	859481.00
38	8500134	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL listed or FM approved complete as required. (18.29)	Each	1160.00	225.00	261000.00
39	8500135	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stock bar of following sizes complete as required. 1000mm (18.25.2)	Set	1160.00	1578.00	1830480.00
40	8500136	Providing, fixing , testing & commission of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm emergency releases, stainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required 100MM dia (18.24.2)	Set	4.00	45002.00	180008.00
41	8500137	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 200mm dia MS C Class Heavy Pipe (6.3mm thick)(18.7.9)	Metre	13.00	5463.00	71019.00
42	8500138	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 150mm dia MS C Class Heavy Pipe(18.7.8)	Metre	2222.00	3574.00	7941428.00
43	8500139	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 100mm dia MS C Class Heavy Pipe(18.7.7)	Metre	508.00	2555.00	1297940.00



**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

44	8500140	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 80mm dia MS C Class Heavy Pipe(18.7.6)	Metre	1030.00	1885.00	1941550.00
45	8500141	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 65 mm dia MS C Class Heavy Pipe(18.7.5)	Metre	978.00	1614.00	1578492.00
46	8500142	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 50mm dia MS C Class Heavy Pipe(18.7.4)	Metre	1093.00	1281.00	1400133.00
47	8500143	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 25mm dia MS C Class Heavy Pipe(18.7.1)	Metre	3568.00	744.00	2654592.00
48	8500144	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 150mm dia Sluice Valve(18.12.6)	Set	17.00	22762.00	386954.00
49	8500145	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 100mm dia Sluice Valve(18.12.5)	Set	9.00	14641.00	131769.00
50	8500146	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 80mm dia Sluice Valve at Sprinkler Header at Every Floor(18.12.4)	Set	24.00	10696.00	256704.00
51	8500147	Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 150 mm dia NRV(18.14.7)	Set	5.00	17786.00	88930.00
52	8500148	Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 100mm dia NRV (18.14.5)	Set	1.00	11050.00	11050.00
53	8500149	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 50mm dia (18.12.2)	Set	4.00	7207.00	28828.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

54	8500150	Supply, erection, testing and commissioning of Non-Return Valve of following sizes confirming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 50mm dia(18.14.2)	Set	1.00	5790.00	5790.00
55	8500151	Providing and fixing earth bus of 50mm x 5mm copper strip on surface for connections etc. as required (5.20)	Each	1.00	6855.00	6855.00
56	8500152	A) Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Diesel Driven Pump) (B) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. (D) MS fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti-Vibration Pads 2850 LPM at 88M head(18.2.1)	Set	1.00	684923.00	684923.00
57	8500153	A) Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required: (B) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (D) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered with anti vibration pads. 2850LPM at 88M Head (18.1.1)	Set	2.00	452519.00	905038.00
58	8500154	(A) Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Jockey Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirrel cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 180LPM 88m head(18.3.1)	Set	2.00	127148.00	254296.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

59	8500155	(A) Supplying, installation, testing and commissioning of electric driven terrace pump suitable for automatic operation and consisting of following, complete in all respects, as required: (terrace Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 900LPM at 35M Head(18.4.1)	Set	1.00	101859.00	101859.00
60	8500156	INCOMING 800A, 50kA 4 Pole MCCB, lcs=100% lcu Rating Digital Voltmeter 0-500V with selector switch Ammeter (0-800 A) with selector switch & CTs etc. LED type RYB phase indicating lamps, ON, OFF, trip indicating Set of Copper Bus Bar 1000Amps OUTGOING (Note: All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps) MAIN FIRE PUMP 250 Amp, 50kA TPN MCCB, lcs=100% lcu, with fully automatic Star/Delta starter suitable for 100 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets JOCKEY PUMP 125 Amp. 50kA TPN MCCB, lcs=100% lcu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets DIESEL ENGINE CONTROL Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter(18.5.6)	Set	1.00	575711.00	575711.00
61	8500157	Supply and Fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd for suitable dia MS pipe connection conforming to IS 904 as Required 4 way 150mm dia MS pipe(18.19.2)	Set	3.00	13974.00	41922.00
62	8500158	Supplying , installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required. (17.2.4)	Each	1102.00	2858.00	3149516.00
63	8500159	Supply, installation, testing and commissioning of Addressable Manual Call Point as manual call point complete as required(17.2.14)	Each	56.00	3871.00	216776.00
64	8500160	Supply, installation, testing and commissioning of intelligent Addressable programmable sounder complete as required (17.2.6)	Each	54.00	2651.00	143154.00
65	8500161	Supply and laying of 2 x 1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required(17.5.2)	Metre	11290.00	173.00	1953170.00
66	8500162	Supply , installation, testing and commissioning of addressable Fire Control Module complete as required. (17.2.10)	Each	14.00	3003.00	42042.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

67	8500163	Supply , installation, testing and commissioning of fault isolator complete with base as required(17.2.7)	Each	49.00	3270.00	160230.00
68	8500164	Supply, installation, testing and commissioning of 6 zone voice alarm controller with USB, MP3 player (including 6 zone button paging station) with seamless integration facility with the main fire alarm panel for voice evaluation complete as required.(17.3.1)	Each	13.00	126411.00	1643343.00
69	8500165	Supply, installation, testing and commissioning of 1.5/3/6W metal box ceiling / wall speakers complete as required(17.3.3)	Each	88.00	1793.00	157784.00
70	8500166	Supply, installation, testing and commissioning of amplifier 75 watt, 25 V rms operating at 240 Volt AC supply complete as required(17.3.7)	Each	5.00	145793.00	728965.00
71	8500167	Supply, installation, testing and commissioning of Voice command keypad 6 zone command keypad 6 zone, with microphone assembly complete as required(17.3.9)	Each	5.00	81756.00	408780.00
72	8500168	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnection etc., as required. Speaker cable Single pair, 2-core, 1.5 Sq mm (17.5.3.1)	Metre	4720.00	54.00	254880.00
73	8500169	Supply, Installation, Testing and Commissioning of Central graphical fire Alarm management system to centrally monitor and operate the fire alarm system complete as required.(17.2.2)	Each	2.00	200611.00	401222.00
74	8500170	Supply of Addressable fire alarm Repeater Panel with 320 character / Touch screen LCD display with inbuilt reset, acknowledge and silence switches complete as required.(17.2.3)	Each	1.00	108688.00	108688.00
					<b>Total</b>	<b>41922670.14</b>

#### 4. ELIGIBILITY CONDITIONS

##### Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or V whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover The tenderers shall submit requisite information as per Annexure-VIB of GCC (along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)
1.1	Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.	No	No	Not Allowed
1.2	The tender/technical bid will be evaluated based on bid capacity formula detailed as Annexure-XVII for the works costing more than Rs.20.00 crores as per special conditions of tender document part A to C.	No	No	Not Allowed

##### Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	(a)The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1.1	(b) (i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Not Allowed
1.1.1	(i): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.	No	No	Not Allowed
1.1.2	(ii) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.	No	No	Not Allowed
1.2	Tenderers participated as JV firms for the tender costing more than Rs.10.00 crores should fulfill the Eligibility criteria as per the para 5.0 of the special conditions of tender document part A to C.	No	No	Not Allowed
1.3	Defination of Similar Work :- "Execution of fire-fighting arrangements in Government/Government Undertaking Hospitals/Buildings"	No	No	Not Allowed

**Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:**

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certification)

## 5. COMPLIANCE

### Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
-------	-------------	-----------------------	-----------------	---------------------

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1	(i) A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender. (ii) The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids) (iii) Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.	Yes	Yes	Allowed (Mandatory)
2	The accepted rates should be deemed to include all taxes direct or indirect including Income Tax leviable under Central/State or Local Bodies Act or Rules.	No	No	Not Allowed
3	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
4	Annexure-III Constitution of the Firm with required document copies i.e., Joint Venture / Partnership Deed(s), Incorporation of Company etc.,	Yes	No	Allowed (Optional)
5	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure XII or V of GCC and Annexure-XIIA or VA of GCC. Non submission of above certificate by the bidder shall result in summarily rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	If the date of opening of tender is declared a holiday at a later date, the tenders will be opened on the next working day.	No	No	Not Allowed
2	Tenderers shall hold the offer open for acceptance for a minimum period of 60 days from the date of opening of the tender	No	No	Not Allowed
3	GST: It may please be noted that the supplier of Goods and/or services for the said tender/agreement, would be subject to GST Act and rules as applicable from time to time.	No	No	Not Allowed
4	Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in clause-37 of the IRSGCC for the completion of works to the entire satisfaction of the Engineer.	No	No	Not Allowed
5	The option of payment through Letter of Credit has been enabled for all tenders whose value is equal to or greater than Rs.10 Lacs. Necessary instructions/conditions are incorporated as condition No.67 in the tender document part A to C.	No	No	Not Allowed
6	Tenderers must upload details of all works on hand with them in Railways, other public sector undertakings and private sector undertakings in the proforma (ANNEXURE-IV) while submitting their offers.	No	No	Not Allowed
7	All terms and conditions in the tender documents are binding on the tenderers. Manual tenders sent by Post/FAX/Courier or in Person SHALL NOT BE ACCEPTED.	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

8	Railway reserves the right to accept or reject any or all the tenders and to award the work in whole or in part without assigning the reason for any such action. The General Conditions of Contract governing the performance of the works covered by this tender are the Indian Railway Standard General Conditions of Contract as amended from time to time up to date. A soft of copy of the Indian Railway Standard General Conditions of Contract is uploaded in the annexed documents to the tender. Hard copy may be perused in the office of the Chief Administrative Officer/Construction/Southern Railway/Egmore/Chennai - 600 008. In submitting his tender it would be deemed that the tenderer has kept himself fully informed of the provision of the IRS General Conditions of Contract including all corrections and Amendments issued up to date and claim that he is not aware of any amendment or correction slip to the IRS GCC shall not be entertained.	No	No	Not Allowed
9	The tenderers are advised to visit the site of work in their own interest and acquaint themselves with the site conditions and expected quantum of work. Tenderer should refer for Special Conditions General & Technical, which are attached to the tender document in Documents attached to the tender. These special conditions form part of the tender document and will supplement to the conditions of tender already submitted by the tenderer, IRSGCC along with updated correction slips, IRUSSR. Where are provisions of these special conditions are at variance with IRSGCC and other documents mentioned above, these Special Conditions shall prevail.	No	No	Not Allowed
10	Tenderer may please note that offers received without requisite/mandatory documents as mentioned above, will be considered as invalid tender and for which contractor shall have no claim on Railway.	No	No	Not Allowed
11	The tenderer s may note that the Railway reserves its right to either accept or reject any Bid/s without assigning any reasons whatsoever and tenderer s shall have no claim s on this account.	No	No	Not Allowed
12	IF THE TENDERER/S DELIBERATELY GIVES WRONG INFORMATION/ CREDENTIALS/DOCUMENTS IN HIS/THEIR TENDERS AND THEREBY CREATE S CIRCUMSTANCES FOR ACCEPTANCE OF HIS/THEIR TENDER, RAILWAY RESERVES THE RIGHT TO TERMINATE THE CONTRACT AT ANY STAGE, BESIDES, BANNING OF BUSINESS FOR FIVE YEARS ON ENTIRE IR .	No	No	Not Allowed
13	All documents in support of fulfillment of eligibility criteria should be uploaded along with the tender. Tenders without documentary evidence in support of eligibility criteria will be summarily rejected. No post tender correspondence will be permitted and the tender shall be decided based on the documents submitted/attached with the offer only. However Railway reserves the right to verify/seek for any clarification on the documents/credentials already submitted by the tenderer along with the offer.	No	No	Not Allowed
14	Contractor shall at all times keep the railway administration indemnified against all penalties that may be imposed by the Govt. of India or State Govt. for infringements or any of the clauses of the mines act and rules made there under in respect of quarries from which the ballast for these works is procured.	No	No	Not Allowed
15	The contractor shall be responsible for the observance of the rules and regulations under the mines act and mineral rules and Indian Metallurgical rules and regulations of State/Central Govt. concerned as amended from time to time.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All contracts costing more than Rs.5 crores contractor e MB is mandatory. The Railway Board guidelines are attached in documents.	No	No	Not Allowed
2	(i) A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender. (ii) The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids) (iii) Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

3	The contractors should register themselves in SHRAMIK KALYAN portal i.e <a href="http://www.shramikkalyan.indianrailways.gov.in">www.shramikkalyan.indianrailways.gov.in</a> as per the requirements therein and upload the valid LOA (Letter of Acceptance) and also to upload the labour and their payment details as detailed in special condition of tender document part A to C.	No	No	Not Allowed
4	Railway reserves the right of terminating the contract even if the completion period is expired in the event the contractor has not sought for extension and the Railway has not taken necessary action for terminating the same within the validity period. Also Railway reserve the right to claim damages under clause 62 of General Conditions of contract in addition to any other rights available to it under the law.	No	No	Not Allowed
5	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure XII or V of GCC and Annexure-XIIA or VA of GCC. Non submission of above certificate by the bidder shall result in summary rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying criteria mentioned in the Tender Document.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Annexure-II Experience Certificate duly attested as per the proforma or proforma filled up and signed by the tenderer based on the details furnished in the certificate.	Yes	No	Allowed (Mandatory)
2	Annexure IV Statement of works on hand.	Yes	No	Allowed (Mandatory)
3	Annexure V List of Engineers/Personnel	Yes	No	Allowed (Mandatory)
4	Annexure VI Details of Machinery (minimum as specified in relevant technical conditions).	Yes	No	Allowed (Mandatory)
5	Annexure VII Form for reporting of Employment of Railway Officers.	Yes	No	Allowed (Optional)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We have read the conditions of tender attached hereto and agree to abide by such conditions. I/We have perused the contract documents (i.e. General Conditions of Contract, Special Conditions and Indian Railways Unified Standard Specifications 2021, CPWD Delhi Specifications-2021- Volumes-I&II and all other specifications and various schedules (Annexures), and all other documents attached to this tender) and that I/We am/are fully aware that I/We will have to perform the contract if my/our tender is accepted subject to General Conditions Of Contract aforesaid and also subject to the Contract Documents complete aforesaid. I/We offer to do the work at the rates shown in the Annexure annexed and hereby bind myself/ourselves to complete the work in the stipulated period as mentioned in the contract documents attached from the date of issue of letter of acceptance.	No	No	Not Allowed
2	I/We agree that until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed
3	I/We also agree to keep this tender open for acceptance for a period of 60 days from the date fixed for opening the same and in default thereof I/We will be liable for forfeiture of my/our BID SECURITY.	No	No	Not Allowed
4	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed



**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

5	I/We also hereby agree to abide by the General and Special Conditions of Contract and to carryout the works according to the specification of materials and works laid down by Southern Railway in the Tender Documents. I/We also undertake to carry out the work in accordance with the said Specifications and Conditions of Contract, and to find and provide such of the materials (other than those to be supplied by the Railway) for, and to do all such things which in the opinion of the Engineer may be necessary for, or incidental to the construction, completion and maintenance thereof and to complete the whole of the said works in the tender documents in all respects, and hand them over to you or your representatives within the period specified; and to maintain the same for the period and in the manner provided in the Conditions of Contract.	No	No	Not Allowed
6	I/We uploaded the following documents as required as per the Tender Documents:- a) Partnership Deed Joint Venture Agreement details of consortium of firm (Annexure-III) etc. b) Power of Attorney. c) List of works executed year wise during the last three years along with their values. d) Credentials issued by the Department for whom the work was executed by the tenderer/s during the last three years (in the appropriate format). e) The documentary evidence from the employer/client showing the contractual amount received OR attested copy of the audited Financial Statements such as Trading, Profit and Loss Account OR Balance Sheet along with the certificate from the Chartered Accountant for the contractual amount received etc. f) Experience Certificate issued by the Department/other as permitted in the Tender Document (as shown in Annexure II). g) List of works on hand, their values and stage of completion (Annexure IV). h) List of engineering personnel employed for the work (Annexure V). i) Details of Plant and Machinery (Annexure VI). j) Reporting of employment of retired Gazetted Officers (Annexure VII). k) Declaration for employing no middle man (Annexure X).l) Ballast Test certificate (If Applicable)	No	No	Not Allowed
7	DECLARATION: I/We have examined and have no reservations to the Tender documents, including Addenda/Corrigenda issued by the Railway;	No	No	Not Allowed
8	DECLARATION: I/We declare that offer to execute all the Works in conformity with the Tender Documents;	No	No	Not Allowed
9	DECLARATION: I/We commit to submit Security Deposit and Performance Guarantee in accordance with the tender Documents, if my/our tender is accepted;	No	No	Not Allowed
10	DECLARATION: I/We commit to deploy minimum key personnel and equipments consistent with the stipulation in the relevant special conditions of the Tender Document, if my/our tender is accepted;	No	No	Not Allowed
11	DECLARATION: I/We commit to submit a detailed programme in conformity with the milestones and completion period prescribed in the Tender Documents and mile stone statements for all major activities and get these approved from the engineer prior to commencing work on such activities, and also understand that the work shall be executed as per the approved programme and the milestone statements without any deviations if my/our tender is accepted;	No	No	Not Allowed
12	DECLARATION: I/We commit to establish Testing Laboratory at the site of work with minimum Testing equipments indicated in the relevant specifications, if my/our tender is accepted; and further declare that	No	No	Not Allowed
13	DECLARATION: I/We declare that I/We am/are not banned from doing business with Railways;	No	No	Not Allowed
14	DECLARATION: I/We declare that I/We do not have any partners who are individuals or partners of firms banned from doing business with Railways;	No	No	Not Allowed
15	DECLARATION: I/We declare that I/We are not sister concerns/allied partners who were individuals or firms or partners of firms banned from doing business with Railways	No	No	Not Allowed
16	DECLARATION: I/We declare that I/we further understand and agree that if I/We were found during consideration of the tender to be a firm/individual or sister/allied concern or any individual or firms or partner of firms banned by the Ministry of Railways from doing business with Railways and ban is still in force, BID SECURITY deposit remitted by me/us will be forfeited in full;	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

17	DECLARATION: I/We declare that if I/We were found during the course of execution of work to be an individual or firm or partner or firms or sister/allied concern of any individuals or firms banned by the Ministry of Railway from doing business with Railways and the ban is still in force, my/our security deposit and Performance Guarantee will be forfeited in full;	No	No	Not Allowed
18	DECLARATION: I/We declare that if I/We are found to be individual or firm or partner of firm or sister/allied concern of any individuals or firms banned by the Ministry of railway from doing business with Railways during the consideration of tender or during the execution of work, I/We are liable to be banned from doing business for further periods to be specified by Railways;	No	No	Not Allowed
19	DECLARATION: I/We declare that for satisfying the eligibility conditions mentioned in the Tender Documents, I/We have uploaded copies of documents along with the tender in support of my/our claim of satisfying eligibility conditions. I/We understand that I/We have to produce the original documents if so demanded by the Railways. I/We understand that if any of the documents were found to be bogus at any stage, my/our BID SECURITY (before finalisation of tender) and/or security deposit and Performance Guarantee (after awarding work) will be forfeited in full and I/We are liable to be banned from doing business with Railways for any period to be specified by the Railways and also liable for legal proceedings against me/us.	No	No	Not Allowed
20	DECLARATION: I/We declare further that I/We have submitted full details of work on hand and progress thereon and I/We understand that if the information furnished by me/us were found to be false, my/our tender is liable to be rejected and BID SECURITY in full is liable to be forfeited. If it is found to be false at any stage, I/We are liable to be banned from doing business with Railways for any period to be specified by Railways and also liable for legal proceedings against me/us.	No	No	Not Allowed
21	DECLARATION: Further I/We understand, agree and declare that you (Railway) are not bound to accept the lowest evaluated bid or any other bid that you may receive and I/We have no claim/demand whatsoever in this regard.	No	No	Not Allowed
22	DECLARATION: I hereby declare and commit that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award and performance of this contract. I further declare and commit that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount.	No	No	Not Allowed
23	I/We fail to submit the requisite Performance Guarantee [P.G] in the prescribed format even after 60 (Sixty days) from the date of issue of Letter of Acceptance, we are aware that the contract shall be terminated duly forfeiting BID SECURITY and other dues, if any payable against the contract. Also, I/We shall be debarred from participating in the retender for this work as per clause 24.0 of tender document Part A to C.	No	No	Not Allowed
24	I/We understand that no post-tender correspondence will be entertained, however, if any clarification is required by the Railway, the same will be sought from the tenderer. Also, I/We are aware that any Certificate/ Documents offered after the tender opening shall not be given any credit and shall not be considered.	No	No	Not Allowed
25	It is certified that I/We have not been blacklisted or debarred by railways or any other ministry/department/public sector undertaking of the government of India/State Government from participation in tenders/contract on the date of opening of bids, EITHER in individual capacity or in any firm in which we are/were partners or as a member of JV firm in which I/We were/are members. I/We understand if above declaration found to be false/incorrect at any time during process of evaluation of bid or after the award of contract, will lead to determination under Clause 62 of the General Conditions of Contract.	No	No	Not Allowed
26	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
-------	---------------	----------------------

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1	GCC-APRIL-2022_1.pdf	GCC 2022 ACS
2	SINGLEPACKETTD_1.pdf	Single Packet Part A to C
3	Milestonefor6Months.pdf	Milestone
4	e-MBook.pdf	Contractors eMB
5	Scopeofwork_2.pdf	Scope of work

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** SREEVENKATESH D

**Designation :** AXEN/CN/W/MS

## **SOUTHERN RAILWAY**

**Name of work:- PERAMBUR NEW RAILWAY HOSPITAL** - Providing firefighting arrangements to newly constructed OPD Block, A Block, B-Block, D-Block & L-Block.

### **SCOPE OF WORK**

I. The Tenderer / Contractor has to execute the following works as per the plan and as per the descriptive items of the schedule for the above mentioned name of work such as :

Providing firefighting arrangements to newly constructed OPD Block, A Block, B-Block, D-Block & L-Block.

II. The Tender schedule consists of ONE ANNEXURE as under:

Annexure 'A' : The items of works that are NOT COVERED by DSR 2021/USSOR 2021.

For this Annexure 'A', the contractor has to quote his collective uniform percentage ABOVE or BELOW or AT PAR value of this annexure.

The Tenderer/ Contractor has to refer respective items of DSR (E&M) 2022 to link with the detailed and main description of relevant items before quoting their rates.

Technical Specifications as per DSR (E & M)-2022 shall be read along with up-to-date correction slips, if any.

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

**CE/CN/MS** acting for and on behalf of The President of India invites E-Tenders against Tender No **57-CECNMS-2023-E-398266** Closing Date/Time 29/11/2023 15:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	PERAMBUR NEW RAILWAY HOSPITAL - Providing fire fighting arrangements to newly constructed OPD Block, A-Block, B-Block, D-Block & L-Block.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	29/11/2023 15:30	<b>Date Time Of Uploading Tender</b>	07/11/2023 18:32
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	41922670.14	<b>Tendering Section</b>	WORKS
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	359600.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	15/11/2023	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A</b> -Items that are not covered by DSR 2021/USSOR 2021.							41922670.14	Above/ Below/Par
1	Please see Item Breakup for details.			41922670.14	AT Par		41922670.14	
	<b>Description:-</b> Items that are not covered by DSR 2021/USSOR 2021.							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-Items that are not covered by DSR 2021/USSOR 2021.						
<b>Item- 1</b>	Items that are not covered by DSR 2021/USSOR 2021.						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	8500096	Supply of Fire Fighting Application MS Hose Box to keep two number of hoses and 1 No. of branch pipe with nozzle having proper glass window type double door with universe open key, painted inside white and outside Post Office Red, near every hydrant point including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specifications and as directed by the Departmental Officers. Make: (Make: OMEX/ KARTAR/ SAFE GUARD/ Equivalent)	Numbers	37.00	6419.20	237510.40	
2	8500097	Supply and fixing Hose Tray to accommodate 15 metre RRL Hose 2 Nos. and Branch pipe in Fire Duct as directed by the Departmental Officers.	Numbers	45.00	2633.76	118519.20	
3	8500098	Wrapping and coating anti-corrosive treatment for the following under ground MS pipe having one coat of anticorrosive metal primer, one layer of asphalt tar tape wound over th MS pipe as per standard methods as per standard specifications and as directed by the Departmental Officers. 150mm dia. Wrapping and coating	Running Metre	120.00	377.60	45312.00	

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

4	8500099	Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent) 150mm dia. Heavy Duty Foot Valve at Pump Room	Numbers	7.00	26101.60	182711.20
5	8500100	Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories such as MS flange of table E gaskets, bolts & Nuts etc installed at end of 150/200 mm dia. Suction pipe line at sump including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: NORMEX/ KARTAR/Equivalent) 80mm dia. Heavy Duty Foot Valve at Pump Room	Numbers	13.00	7822.22	101688.86
6	8500101	Supply and providing 1000 Litres capacity Priming Tank made up of PVC Make: SINTEX/ Equivalent	Numbers	1.00	20768.00	20768.00
7	8500102	Priming Tank mounted with the Supporting Arrangement fabricated using MS Angle for the height of 3 metres from the floor level, inlet, outlet and drain arrangements inside the fire fighting pump room as directed by the Departmental Officers.	Numbers	1.00	29730.10	29730.10
8	8500103	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 4 core 250 sq.mm Armoured Aluminium cable	Running Metre	100.00	3363.00	336300.00
9	8500104	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 3 core 10 sq.mm Armoured Copper cable	Running Metre	80.00	613.60	49088.00
10	8500105	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 10 core 2.5 sq.mm Armoured Copper cable	Running Metre	30.00	559.32	16779.60

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

11	8500106	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 2 core 2.5 sq.mm Armoured Copper cable	Running Metre	60.00	156.94	9416.40
12	8500107	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 4 core 95 sq.mm Armoured Aluminium cable	Running Metre	240.00	870.84	209001.60
13	8500108	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 3 core 25 sq.mm Armoured Aluminium cable	Running Metre	135.00	1534.00	207090.00
14	8500109	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 2 core 2.5 sq.mm Armoured Copper cable	Running Metre	135.00	156.94	21186.90
15	8500110	Supply and laying of following sizes of Armoured Aluminium/Copper cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: POLYCAB/ PARAGON/ FINOLEX/ Equivalent) 1 core 6 sq.mm Flexible Copper cable	Running Metre	135.00	413.00	55755.00
16	8500111	Supply, erection, testing and commissioning of Pressure Gauge with 0 to 14kg range of reputed make with necessary valve, milling thread MS coupling fixed at delivery pipe line in pump house to read the developing pressure including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: (Make: H-GURU/ ISI MAKE/ Equivalent)	Numbers	12.00	1085.60	13027.20
17	8500113	Supply and keeping in position of 9 litres capacity Fire Buckets of 4 Nos. with Bucket stand as per standard specifications and as directed by the Departmental Officers.	Numbers	8.00	3020.80	24166.40

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

18	8500114	Supply, erection, testing and commissioning of Air Release Valve of 20mm dia. So as to release airlock in 100mm dia MS pipe at top most wet riser including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers.	Numbers	13.00	1019.52	13253.76
19	8500115	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications. 80mm dia Wall or Suspenders	Numbers	397.00	592.36	235166.92
20	8500116	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications. 65mm dia Wall or Suspenders	Numbers	406.00	566.40	229958.40
21	8500117	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 50mm dia Wall or Suspenders	Numbers	420.00	548.70	230454.00
22	8500118	Providing, fixing Pipe Supports from columns / wall or suspenders from roof slab to suit various dia. Of pipes made out of GI/ MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should conform with specifications 25mm dia Wall or Suspenders	Numbers	1371.00	141.60	194133.60
23	8500119	Supply and fixing of stored pressure ABC (Mono Ammonium Phosphate) Powder Type Fire Extinguisher of 6 Kg capacity as per IS:15683 with pressure gauge, discharge hose & control nozzle, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	248.00	2643.20	655513.60
24	8500120	Supply and fixing Carbon-di-Oxide Gas Type 2 Kg capacity Fire Extinguisher as per New IS:15683, complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	236.00	7552.00	1782272.00



**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

25	8500121	Supply and keeping in position of Trolley Mounted Type 22.5 kg Carbon-di-Oxide Fire Extinguisher as per IS:15683, complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, mounting trolley with moving wheel, safety clip etc. including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc. complete as per standard specification and as directed by the Departmental Officers. Make: Omex/ Safety first/ Equivalent	Numbers	6.00	33040.00	198240.00
26	8500122	Supply of Addressable intelligent fire alarm 4- Loop Panel which consists of display board which will have 160 character Display with Touch key pad, Mother board which will have CORTEX 32 Bit Processor, In built RS-485 Networking circuit for peer to peer networking, Inbuilt USB 2.0 port for upload and download of configuration tools, Two inbuilt programmable inputs, Two inbuilt NACs and Three Programmable relays and 4 Loop Card Circuits, power supply board which will have SMPS fully protected board, which operates on 120 to 230 V AC A+/- 10% with 50/60 Hz, battery back up 24V DC with built-in charger, the panel have IP-50 rating Optional: for BMS integration MODBUS converter, Graphical software, Software for TCP/IP module, Provision for Auto dialler Approval UL Listed (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	2.00	171100.00	342200.00
27	8500123	Supply, installation, testing and commissioning of Loop Card which will have 254 devices of both detectors and modules in a single line circuit, SLC supports both Class A and Class B wiring Approval: (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	10.00	37760.00	377600.00
28	8500124	Supply and fixing of MONITOR MODULE suitable for 4 Loop panel with built in software data with adopter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	11.00	6608.00	72688.00
29	8500125	Supply and fixing of RELAY MODULE suitable for 4 Loop panel with built in software data with adopter complete set for external devices (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	13.00	7316.00	95108.00
30	8500126	Supply and fixing of 5 Amps Capacity power Supply Unit suitable for 4 x 2 Loop control panel (Make: Ravel/ GST/ Apollo/ Honeywell/ Equivalent)	Numbers	4.00	8024.00	32096.00
31	8500127	Supply and installation of PVC Casing cap of size 100x50mm similar to Crown or similar brand conforming to IS 9537(Pt.3):1983, thickness 2.4mm (heavy) to conceal the 25mm MS pipes on the wall surface as directed by Engineer-in-Charge.	Running Metre	3600.00	194.70	700920.00
32	8500128	Supply and fixing single headed internal hydrant valve with instantaneous Gunmetal / Stainless Steel coupling of 63mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal / Stainless Steel cap and chain as required: Single headed Stainless steel (18.9.2)	Set	78.00	6139.00	478842.00
33	8500129	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 30M (18.17.1)	Set	41.00	8675.00	355675.00
34	8500130	Supply, and fixing 63mm dia, 15m long RRL hose pipe with 63mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required: Stainless Steel (Grade 304)(18.16.2)	Set	156.00	4448.00	693888.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

35	8500131	Supply, and fixing 63mm dia gun metal short branch pipe with 20mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required: Stainless Steel (Grade 304) (18.18.2)	Numbers	78.00	1662.00	129636.00
36	8500132	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Pendent Sprinkler (18.21.1)	Each	1076.00	522.00	561672.00
37	8500133	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories: Horizontal Side wall Sprinkler (18.21.3)	Each	1393.00	617.00	859481.00
38	8500134	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL listed or FM approved complete as required. (18.29)	Each	1160.00	225.00	261000.00
39	8500135	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stock bar of following sizes complete as required. 1000mm (18.25.2)	Set	1160.00	1578.00	1830480.00
40	8500136	Providing, fixing , testing & commission of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm emergency releases, stainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required 100MM dia (18.24.2)	Set	4.00	45002.00	180008.00
41	8500137	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 200mm dia MS C Class Heavy Pipe (6.3mm thick)(18.7.9)	Metre	13.00	5463.00	71019.00
42	8500138	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 150mm dia MS C Class Heavy Pipe(18.7.8)	Metre	2222.00	3574.00	7941428.00
43	8500139	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 100mm dia MS C Class Heavy Pipe(18.7.7)	Metre	508.00	2555.00	1297940.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

44	8500140	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 80mm dia MS C Class Heavy Pipe(18.7.6)	Metre	1030.00	1885.00	1941550.00
45	8500141	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 65 mm dia MS C Class Heavy Pipe(18.7.5)	Metre	978.00	1614.00	1578492.00
46	8500142	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 50mm dia MS C Class Heavy Pipe(18.7.4)	Metre	1093.00	1281.00	1400133.00
47	8500143	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required: 25mm dia MS C Class Heavy Pipe(18.7.1)	Metre	3568.00	744.00	2654592.00
48	8500144	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 150mm dia Sluice Valve(18.12.6)	Set	17.00	22762.00	386954.00
49	8500145	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 100mm dia Sluice Valve(18.12.5)	Set	9.00	14641.00	131769.00
50	8500146	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required. 80mm dia Sluice Valve at Sprinkler Header at Every Floor(18.12.4)	Set	24.00	10696.00	256704.00
51	8500147	Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 150 mm dia NRV(18.14.7)	Set	5.00	17786.00	88930.00
52	8500148	Supply, erection, testing and commissioning of Non-Return Valve of following sizes conforming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 100mm dia NRV (18.14.5)	Set	1.00	11050.00	11050.00
53	8500149	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: 50mm dia (18.12.2)	Set	4.00	7207.00	28828.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

54	8500150	Supply, erection, testing and commissioning of Non-Return Valve of following sizes confirming to IS : 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required: 50mm dia(18.14.2)	Set	1.00	5790.00	5790.00
55	8500151	Providing and fixing earth bus of 50mm x 5mm copper strip on surface for connections etc. as required (5.20)	Each	1.00	6855.00	6855.00
56	8500152	A) Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Diesel Driven Pump) (B) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. (D) MS fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti-Vibration Pads 2850 LPM at 88M head(18.2.1)	Set	1.00	684923.00	684923.00
57	8500153	A) Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required: (B) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (C) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (D) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered with anti vibration pads. 2850LPM at 88M Head (18.1.1)	Set	2.00	452519.00	905038.00
58	8500154	(A) Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Jockey Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 180LPM 88m head(18.3.1)	Set	2.00	127148.00	254296.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

59	8500155	(A) Supplying, installation, testing and commissioning of electric driven terrace pump suitable for automatic operation and consisting of following, complete in all respects, as required: (terrace Pump) (B) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS: 1520. (C) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS: 325. (D) M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti vibration pads. 900LPM at 35M Head(18.4.1)	Set	1.00	101859.00	101859.00
60	8500156	INCOMING 800A, 50kA 4 Pole MCCB, lcs=100% lcu Rating Digital Voltmeter 0-500V with selector switch Ammeter (0-800 A) with selector switch & CTs etc. LED type RYB phase indicating lamps, ON, OFF, trip indicating Set of Copper Bus Bar 1000Amps OUTGOING (Note: All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps) MAIN FIRE PUMP 250 Amp, 50kA TPN MCCB, lcs=100% lcu, with fully automatic Star/Delta starter suitable for 100 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets JOCKEY PUMP 125 Amp. 50kA TPN MCCB, lcs=100% lcu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets DIESEL ENGINE CONTROL Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter(18.5.6)	Set	1.00	575711.00	575711.00
61	8500157	Supply and Fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd for suitable dia MS pipe connection conforming to IS 904 as Required 4 way 150mm dia MS pipe(18.19.2)	Set	3.00	13974.00	41922.00
62	8500158	Supplying , installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required. (17.2.4)	Each	1102.00	2858.00	3149516.00
63	8500159	Supply, installation, testing and commissioning of Addressable Manual Call Point as manual call point complete as required(17.2.14)	Each	56.00	3871.00	216776.00
64	8500160	Supply, installation, testing and commissioning of intelligent Addressable programmable sounder complete as required (17.2.6)	Each	54.00	2651.00	143154.00
65	8500161	Supply and laying of 2 x 1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required(17.5.2)	Metre	11290.00	173.00	1953170.00
66	8500162	Supply , installation, testing and commissioning of addressable Fire Control Module complete as required. (17.2.10)	Each	14.00	3003.00	42042.00

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

67	8500163	Supply , installation, testing and commissioning of fault isolator complete with base as required(17.2.7)	Each	49.00	3270.00	160230.00
68	8500164	Supply, installation, testing and commissioning of 6 zone voice alarm controller with USB, MP3 player (including 6 zone button paging station) with seamless integration facility with the main fire alarm panel for voice evaluation complete as required.(17.3.1)	Each	13.00	126411.00	1643343.00
69	8500165	Supply, installation, testing and commissioning of 1.5/3/6W metal box ceiling / wall speakers complete as required(17.3.3)	Each	88.00	1793.00	157784.00
70	8500166	Supply, installation, testing and commissioning of amplifier 75 watt, 25 V rms operating at 240 Volt AC supply complete as required(17.3.7)	Each	5.00	145793.00	728965.00
71	8500167	Supply, installation, testing and commissioning of Voice command keypad 6 zone command keypad 6 zone, with microphone assembly complete as required(17.3.9)	Each	5.00	81756.00	408780.00
72	8500168	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnection etc., as required. Speaker cable Single pair, 2-core, 1.5 Sq mm (17.5.3.1)	Metre	4720.00	54.00	254880.00
73	8500169	Supply, Installation, Testing and Commissioning of Central graphical fire Alarm management system to centrally monitor and operate the fire alarm system complete as required.(17.2.2)	Each	2.00	200611.00	401222.00
74	8500170	Supply of Addressable fire alarm Repeater Panel with 320 character / Touch screen LCD display with inbuilt reset, acknowledge and silence switches complete as required.(17.2.3)	Each	1.00	108688.00	108688.00
					<b>Total</b>	<b>41922670.14</b>

**4. ELIGIBILITY CONDITIONS**

**Standard Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or V whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover The tenderers shall submit requisite information as per Annexure-VIB of GCC (along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)
1.1	Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.	No	No	Not Allowed
1.2	The tender/technical bid will be evaluated based on bid capacity formula detailed as Annexure-XVII for the works costing more than Rs.20.00 crores as per special conditions of tender document part A to C.	No	No	Not Allowed

**Standard Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	(a)The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1.1	(b) (i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Not Allowed
1.1.1	(i): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.	No	No	Not Allowed
1.1.2	(ii) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.	No	No	Not Allowed
1.2	Tenderers participated as JV firms for the tender costing more than Rs.10.00 crores should fulfill the Eligibility criteria as per the para 5.0 of the special conditions of tender document part A to C.	No	No	Not Allowed
1.3	Defination of Similar Work :- "Execution of fire-fighting arrangements in Government/Government Undertaking Hospitals/Buildings"	No	No	Not Allowed

**Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:**

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certification)

## 5. COMPLIANCE

### Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
-------	-------------	-----------------------	-----------------	---------------------

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1	(i) A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender. (ii) The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids) (iii) Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.	Yes	Yes	Allowed (Mandatory)
2	The accepted rates should be deemed to include all taxes direct or indirect including Income Tax leviable under Central/State or Local Bodies Act or Rules.	No	No	Not Allowed
3	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
4	Annexure-III Constitution of the Firm with required document copies i.e., Joint Venture / Partnership Deed(s), Incorporation of Company etc.,	Yes	No	Allowed (Optional)
5	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure XII or V of GCC and Annexure-XIIA or VA of GCC. Non submission of above certificate by the bidder shall result in summarily rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	If the date of opening of tender is declared a holiday at a later date, the tenders will be opened on the next working day.	No	No	Not Allowed
2	Tenderers shall hold the offer open for acceptance for a minimum period of 60 days from the date of opening of the tender	No	No	Not Allowed
3	GST: It may please be noted that the supplier of Goods and/or services for the said tender/agreement, would be subject to GST Act and rules as applicable from time to time.	No	No	Not Allowed
4	Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in clause-37 of the IRSGCC for the completion of works to the entire satisfaction of the Engineer.	No	No	Not Allowed
5	The option of payment through Letter of Credit has been enabled for all tenders whose value is equal to or greater than Rs.10 Lacs. Necessary instructions/conditions are incorporated as condition No.67 in the tender document part A to C.	No	No	Not Allowed
6	Tenderers must upload details of all works on hand with them in Railways, other public sector undertakings and private sector undertakings in the proforma (ANNEXURE-IV) while submitting their offers.	No	No	Not Allowed
7	All terms and conditions in the tender documents are binding on the tenderers. Manual tenders sent by Post/FAX/Courier or in Person SHALL NOT BE ACCEPTED.	No	No	Not Allowed



**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

8	Railway reserves the right to accept or reject any or all the tenders and to award the work in whole or in part without assigning the reason for any such action. The General Conditions of Contract governing the performance of the works covered by this tender are the Indian Railway Standard General Conditions of Contract as amended from time to time up to date. A soft of copy of the Indian Railway Standard General Conditions of Contract is uploaded in the annexed documents to the tender. Hard copy may be perused in the office of the Chief Administrative Officer/Construction/Southern Railway/Egmore/Chennai - 600 008. In submitting his tender it would be deemed that the tenderer has kept himself fully informed of the provision of the IRS General Conditions of Contract including all corrections and Amendments issued up to date and claim that he is not aware of any amendment or correction slip to the IRS GCC shall not be entertained.	No	No	Not Allowed
9	The tenderers are advised to visit the site of work in their own interest and acquaint themselves with the site conditions and expected quantum of work. Tenderer should refer for Special Conditions General & Technical, which are attached to the tender document in Documents attached to the tender. These special conditions form part of the tender document and will supplement to the conditions of tender already submitted by the tenderer, IRSGCC along with updated correction slips, IRUSSR. Where are provisions of these special conditions are at variance with IRSGCC and other documents mentioned above, these Special Conditions shall prevail.	No	No	Not Allowed
10	Tenderer may please note that offers received without requisite/mandatory documents as mentioned above, will be considered as invalid tender and for which contractor shall have no claim on Railway.	No	No	Not Allowed
11	The tenderer s may note that the Railway reserves its right to either accept or reject any Bid/s without assigning any reasons whatsoever and tenderer s shall have no claim s on this account.	No	No	Not Allowed
12	IF THE TENDERER/S DELIBERATELY GIVES WRONG INFORMATION/ CREDENTIALS/DOCUMENTS IN HIS/THEIR TENDERS AND THEREBY CREATE S CIRCUMSTANCES FOR ACCEPTANCE OF HIS/THEIR TENDER, RAILWAY RESERVES THE RIGHT TO TERMINATE THE CONTRACT AT ANY STAGE, BESIDES, BANNING OF BUSINESS FOR FIVE YEARS ON ENTIRE IR .	No	No	Not Allowed
13	All documents in support of fulfillment of eligibility criteria should be uploaded along with the tender. Tenders without documentary evidence in support of eligibility criteria will be summarily rejected. No post tender correspondence will be permitted and the tender shall be decided based on the documents submitted/attached with the offer only. However Railway reserves the right to verify/seek for any clarification on the documents/credentials already submitted by the tenderer along with the offer.	No	No	Not Allowed
14	Contractor shall at all times keep the railway administration indemnified against all penalties that may be imposed by the Govt. of India or State Govt. for infringements or any of the clauses of the mines act and rules made there under in respect of quarries from which the ballast for these works is procured.	No	No	Not Allowed
15	The contractor shall be responsible for the observance of the rules and regulations under the mines act and mineral rules and Indian Metallurgical rules and regulations of State/Central Govt. concerned as amended from time to time.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All contracts costing more than Rs.5 crores contractor e MB is mandatory. The Railway Board guidelines are attached in documents.	No	No	Not Allowed
2	(i) A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender. (ii) The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids) (iii) Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

3	The contractors should register themselves in SHRAMIK KALYAN portal i.e <a href="http://www.shramikkalyan.indianrailways.gov.in">www.shramikkalyan.indianrailways.gov.in</a> as per the requirements therein and upload the valid LOA (Letter of Acceptance) and also to upload the labour and their payment details as detailed in special condition of tender document part A to C.	No	No	Not Allowed
4	Railway reserves the right of terminating the contract even if the completion period is expired in the event the contractor has not sought for extension and the Railway has not taken necessary action for terminating the same within the validity period. Also Railway reserve the right to claim damages under clause 62 of General Conditions of contract in addition to any other rights available to it under the law.	No	No	Not Allowed
5	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure XII or V of GCC and Annexure-XIIA or VA of GCC. Non submission of above certificate by the bidder shall result in summary rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying criteria mentioned in the Tender Document.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Annexure-II Experience Certificate duly attested as per the proforma or proforma filled up and signed by the tenderer based on the details furnished in the certificate.	Yes	No	Allowed (Mandatory)
2	Annexure IV Statement of works on hand.	Yes	No	Allowed (Mandatory)
3	Annexure V List of Engineers/Personnel	Yes	No	Allowed (Mandatory)
4	Annexure VI Details of Machinery (minimum as specified in relevant technical conditions).	Yes	No	Allowed (Mandatory)
5	Annexure VII Form for reporting of Employment of Railway Officers.	Yes	No	Allowed (Optional)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We have read the conditions of tender attached hereto and agree to abide by such conditions. I/We have perused the contract documents (i.e. General Conditions of Contract, Special Conditions and Indian Railways Unified Standard Specifications 2021, CPWD Delhi Specifications-2021- Volumes-I&II and all other specifications and various schedules (Annexures), and all other documents attached to this tender) and that I/We am/are fully aware that I/We will have to perform the contract if my/our tender is accepted subject to General Conditions Of Contract aforesaid and also subject to the Contract Documents complete aforesaid. I/We offer to do the work at the rates shown in the Annexure annexed and hereby bind myself/ourselves to complete the work in the stipulated period as mentioned in the contract documents attached from the date of issue of letter of acceptance.	No	No	Not Allowed
2	I/We agree that until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed
3	I/We also agree to keep this tender open for acceptance for a period of 60 days from the date fixed for opening the same and in default thereof I/We will be liable for forfeiture of my/our BID SECURITY.	No	No	Not Allowed
4	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

5	I/We also hereby agree to abide by the General and Special Conditions of Contract and to carryout the works according to the specification of materials and works laid down by Southern Railway in the Tender Documents. I/We also undertake to carry out the work in accordance with the said Specifications and Conditions of Contract, and to find and provide such of the materials (other than those to be supplied by the Railway) for, and to do all such things which in the opinion of the Engineer may be necessary for, or incidental to the construction, completion and maintenance thereof and to complete the whole of the said works in the tender documents in all respects, and hand them over to you or your representatives within the period specified; and to maintain the same for the period and in the manner provided in the Conditions of Contract.	No	No	Not Allowed
6	I/We uploaded the following documents as required as per the Tender Documents:- a) Partnership Deed Joint Venture Agreement details of consortium of firm (Annexure-III) etc. b) Power of Attorney. c) List of works executed year wise during the last three years along with their values. d) Credentials issued by the Department for whom the work was executed by the tenderer/s during the last three years (in the appropriate format). e) The documentary evidence from the employer/client showing the contractual amount received OR attested copy of the audited Financial Statements such as Trading, Profit and Loss Account OR Balance Sheet along with the certificate from the Chartered Accountant for the contractual amount received etc. f) Experience Certificate issued by the Department/other as permitted in the Tender Document (as shown in Annexure II). g) List of works on hand, their values and stage of completion (Annexure IV). h) List of engineering personnel employed for the work (Annexure V). i) Details of Plant and Machinery (Annexure VI). j) Reporting of employment of retired Gazetted Officers (Annexure VII). k) Declaration for employing no middle man (Annexure X).l) Ballast Test certificate (If Applicable)	No	No	Not Allowed
7	DECLARATION: I/We have examined and have no reservations to the Tender documents, including Addenda/Corrigenda issued by the Railway;	No	No	Not Allowed
8	DECLARATION: I/We declare that offer to execute all the Works in conformity with the Tender Documents;	No	No	Not Allowed
9	DECLARATION: I/We commit to submit Security Deposit and Performance Guarantee in accordance with the tender Documents, if my/our tender is accepted;	No	No	Not Allowed
10	DECLARATION: I/We commit to deploy minimum key personnel and equipments consistent with the stipulation in the relevant special conditions of the Tender Document, if my/our tender is accepted;	No	No	Not Allowed
11	DECLARATION: I/We commit to submit a detailed programme in conformity with the milestones and completion period prescribed in the Tender Documents and mile stone statements for all major activities and get these approved from the engineer prior to commencing work on such activities, and also understand that the work shall be executed as per the approved programme and the milestone statements without any deviations if my/our tender is accepted;	No	No	Not Allowed
12	DECLARATION: I/We commit to establish Testing Laboratory at the site of work with minimum Testing equipments indicated in the relevant specifications, if my/our tender is accepted; and further declare that	No	No	Not Allowed
13	DECLARATION: I/We declare that I/We am/are not banned from doing business with Railways;	No	No	Not Allowed
14	DECLARATION: I/We declare that I/We do not have any partners who are individuals or partners of firms banned from doing business with Railways;	No	No	Not Allowed
15	DECLARATION: I/We declare that I/We are not sister concerns/allied partners who were individuals or firms or partners of firms banned from doing business with Railways	No	No	Not Allowed
16	DECLARATION: I/We declare that I/we further understand and agree that if I/We were found during consideration of the tender to be a firm/individual or sister/allied concern or any individual or firms or partner of firms banned by the Ministry of Railways from doing business with Railways and ban is still in force, BID SECURITY deposit remitted by me/us will be forfeited in full;	No	No	Not Allowed

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

17	DECLARATION: I/We declare that if I/We were found during the course of execution of work to be an individual or firm or partner or firms or sister/allied concern of any individuals or firms banned by the Ministry of Railway from doing business with Railways and the ban is still in force, my/our security deposit and Performance Guarantee will be forfeited in full;	No	No	Not Allowed
18	DECLARATION: I/We declare that if I/We are found to be individual or firm or partner of firm or sister/allied concern of any individuals or firms banned by the Ministry of railway from doing business with Railways during the consideration of tender or during the execution of work, I/We are liable to be banned from doing business for further periods to be specified by Railways;	No	No	Not Allowed
19	DECLARATION: I/We declare that for satisfying the eligibility conditions mentioned in the Tender Documents, I/We have uploaded copies of documents along with the tender in support of my/our claim of satisfying eligibility conditions. I/We understand that I/We have to produce the original documents if so demanded by the Railways. I/We understand that if any of the documents were found to be bogus at any stage, my/our BID SECURITY (before finalisation of tender) and/or security deposit and Performance Guarantee (after awarding work) will be forfeited in full and I/We are liable to be banned from doing business with Railways for any period to be specified by the Railways and also liable for legal proceedings against me/us.	No	No	Not Allowed
20	DECLARATION: I/We declare further that I/We have submitted full details of work on hand and progress thereon and I/We understand that if the information furnished by me/us were found to be false, my/our tender is liable to be rejected and BID SECURITY in full is liable to be forfeited. If it is found to be false at any stage, I/We are liable to be banned from doing business with Railways for any period to be specified by Railways and also liable for legal proceedings against me/us.	No	No	Not Allowed
21	DECLARATION: Further I/We understand, agree and declare that you (Railway) are not bound to accept the lowest evaluated bid or any other bid that you may receive and I/We have no claim/demand whatsoever in this regard.	No	No	Not Allowed
22	DECLARATION: I hereby declare and commit that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award and performance of this contract. I further declare and commit that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount.	No	No	Not Allowed
23	I/We fail to submit the requisite Performance Guarantee [P.G] in the prescribed format even after 60 (Sixty days) from the date of issue of Letter of Acceptance, we are aware that the contract shall be terminated duly forfeiting BID SECURITY and other dues, if any payable against the contract. Also, I/We shall be debarred from participating in the retender for this work as per clause 24.0 of tender document Part A to C.	No	No	Not Allowed
24	I/We understand that no post-tender correspondence will be entertained, however, if any clarification is required by the Railway, the same will be sought from the tenderer. Also, I/We are aware that any Certificate/ Documents offered after the tender opening shall not be given any credit and shall not be considered.	No	No	Not Allowed
25	It is certified that I/We have not been blacklisted or debarred by railways or any other ministry/department/public sector undertaking of the government of India/State Government from participation in tenders/contract on the date of opening of bids, EITHER in individual capacity or in any firm in which we are/were partners or as a member of JV firm in which I/We were/are members. I/We understand if above declaration found to be false/incorrect at any time during process of evaluation of bid or after the award of contract, will lead to determination under Clause 62 of the General Conditions of Contract.	No	No	Not Allowed
26	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
-------	---------------	----------------------

**CONST-HQ-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** 57-CECNMS-2023-E-398266

**Closing Date/Time:** 29/11/2023 15:30

1	GCC-APRIL-2022_1.pdf	GCC 2022 ACS
2	SINGLEPACKETTD_1.pdf	Single Packet Part A to C
3	Milestonefor6Months.pdf	Milestone
4	e-MBook.pdf	Contractors eMB
5	Scopeofwork_2.pdf	Scope of work

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** SREEVENKATESH D

**Designation :** AXEN/CN/W/MS

**SOUTHERN RAILWAY**

**CONSTRUCTION**

**TENDER DOCUMENT**

**SINGLE PACKET**

**PART A to C**

## **GUIDELINES TO TENDERERS – SINGLE PACKET**

- 1) Tenderers shall hold the offer open for acceptance for a minimum period of **60 (SIXTY) days** from the date of opening of the tender.
- 2) If the date of opening of tender is declared a holiday at a later date, the tenders will be opened on the next working day.
- 3) E-tender shall be issued free of cost to all tenderers.
- 4) The tenderers are required to submit Bid Security Declaration in lieu of Bid Security/Earnest Money Deposit, except wherever there are compelling circumstances to ask for Bid Security/Earnest Money Deposit., if they/he resile from their offers within the validity period action will be taken as per Clause 3.0 i.e Bid Security/Earnest Money Deposit of Part-B.
- 5) The tenderer should upload certificate for verification of credentials enclosed as **Annexure XII**. Non submission of the certificate through online by the tenderer shall result in rejection of his/their offer.
- 6) If the Tenderer deliberately gives/Tenderers deliberately give wrong information in his/their tender or creates/create circumstances for the acceptance of his/their tender, the Railway reserves the right to reject such tender at any stage. In addition, action will be taken to suspend the business with the tenderer for a period of FIVE years.
- 7) Tenderers must upload details of all works on hand with them in Railways, other public sector undertakings and private sector undertakings in the proforma (ANNEXURE -IV) while submitting their offers.
- 8) All terms and conditions in the tender documents are binding on the tenderers.
- 9) Railway reserves the right to accept or reject any or all the tenders and to award the work in whole or in part without assigning the reason for any such action.
- 10) The tenderers are advised to visit the site of work in their own interest and acquaint themselves with the site conditions and expected quantum of work.
- 11) Tenderers may upload only the relevant and required documents related to the sake of eligibility rather uploading bunch of repeated documents in other categories.
- 12) All documents in support of fulfillment of eligibility criteria should be uploaded along with the tender. Tenders without documentary evidence in support of eligibility criteria will be summarily rejected. No post tender correspondence will be permitted and the tender shall be decided based on the documents submitted/attached with the offer only. However Railway reserves the right to verify/seek for any clarification on the documents/credentials already submitted by the tenderer along with the offer.

## **CHECK LIST – SINGLE PACKET**

The tenderer should ensure the following before submitting the tender:

<b>Sl. No.</b>	<b>Description</b>	<b>Page No.</b>	<b>Tick mark</b>
1	Annexure - I - Offer Submission Sheet.	26	
2	Annexure - II - Experience Certificate duly attested as per the proforma or proforma filled up and signed by the tenderer based on the details furnished in the certificate.	30	
3	Certificate for the contract amount received duly attested from the employer/client showing the contractual amount received OR attested copy of the audited Financial Statements which includes Trading, Profit and Loss Account OR Balance Sheet along with the certificate from the Chartered Accountant for the contractual amount received. <b>(Refer 5.0 of Part B)</b>	7-10	
4	Annexure III - Constitution of the Firm with required document copies i.e., Joint Venture/Partnership Deed(s), Incorporation of Company etc.,	31	
5	Annexure - IV – Statement of works on hand	32	
6	Annexure - V - List of Engineers/Personnel	33	
7	Annexure - VI - Details of Machinery (minimum as specified in relevant technical conditions).	34	
8	Annexure - VII - Form for reporting of Employment of Railway Officers.	35	
9	Annexure - VIII Form for Agreement for works contracts	36	
10	Annexure - IX Details of Bank Particulars	37	
11	Annexure - X - Proforma for No Middlemen	38	
12	Annexure - XI Form for Acceptance of Tender	39	
13	Annexure - XII - Format for credentials verification	40	
14	Annexure – XII (A) Para 6.1 of ITT Attorney / authorized signatory / each member of Partnership firm / Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc)	42	
15	Annexure - XIII – BG Format for Bid Security	43	
16	Annexure-XIV - Para 5.2 of Tender Form (Second Sheet) of Annexure I of ITT Each Bidder or each member of a JV	45	



# **I N D E X**

## **TENDER DOCUMENT – SINGLE PACKET**

<b>Clause No</b>	<b>Description</b>	<b>Page No</b>
<b><u>PART A</u></b> <b>INTRODUCTION</b>		
1.0	Scope of Work.	1
2.0	Proposed Methodology and Special Features	1
3.0	Validity of the offer	1
4.0	Completion period	1
<b><u>PART B</u></b> <b>REGULATIONS FOR TENDERS AND COTRACTS AND INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDER</b>		
1.0	Meaning of Terms	2-3
2.0	Instructions to tenderer and conditions of tender	4
3.0	Earnest Money Deposit Bid Security	5
4.0	Tender Document & Amendment	6-7
5.0	Eligibility Criteria and credentials	7-10
6.0	Tenderer Credentials:	10
8.0	Execution of Contract Documents:	11
9.0	Documents to be Submitted Along with Tender	11
11.0	Employment/Partnership etc. of Retired Railway Employees:	13
12.0	Participation of Partnership firms in works tender	13
13.0	Additional special conditions	15
14.0	Documents comprising the tender booklet for submission	18
15.0	System of verification of tenderers credentials.	20
16.0	Opening of tender	20
17.0	Consideration of tender	20
18.0	Conditional offer	21
19.0	Process to be confidential	21
20.0	Clarification of bid	21
21.0	Acceptance of tender	22
22.0	Award of Work	23
23.0	Signing of Contract	23
24.0	Performance Guarantee	24-25
	Annexure - I - Technical Bid Submission Sheet	26-29
	Annexure - II - Details of Experience Certificate	30
	Annexure III - Constitution of the Firm with required document copies i.e., Joint Venture/Partnership Deed(s), Incorporation of Company etc.,	31
	Annexure - IV - Statement of works on hand	32
	Annexure - V - List of Engineers/Personnel	33
	Annexure - VI - Details of Machinery (minimum as specified in relevant technical conditions).	34
	Annexure - VII - Form for reporting of Employment of Railway Officers.	35
	Annexure - VIII Form for Agreement for works contracts	36
	Annexure - IX Details of Bank Particulars	37

	Annexure - X - Proforma for No Middlemen	38
	Annexure – XI - Form for Acceptance of Tender	39
	Annexure - XII - Format for credentials verification	40
	Annexure – XII (A) Para 6.1 of ITT Attorney / authorized signatory / each member of Partnership firm / Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc)	42
	Annexure - XIII – BG Format for Bid Security	43
	Annexure-XIV - Para 5.2 of Tender Form (Second Sheet) of Annexure I of ITT Each Bidder or each member of a JV	45
<b><u>PART C</u></b> <b>SPECIAL CONDITIONS OF CONTRACT</b>		
25.0	Programme of works	46
26.0	Project Monitoring System & Issue of completion certificate	46-47
27.0	Security Deposit	47-48
28.0	Income Tax	48
29.0	Cess on Cost of Construction	48
30.0	GST	48
31.0	Other taxes and Duty	49
32.0	Studies of drawings and local conditions	49
33.0	Drawings for works	49
34.0	Service lands and Roads	49
35.0	Setting out works	50
36.0	Regarding Obstructions	50
37.0	Water Supply	51
38.0	Electric Supply	51
39.0	Materials, Tools and Plants	51
40.0	Anti Larval Treatment	51
41.0	Disposal of surplus excavated materials	52
42.0	Dismantling operation	52
43.0	Emergency work	52
44.0	Working during Night	52
45.0	Transportation of materials	52
46.0	Crossing of track	53
47.0	Unforeseen items of works	53
48.0	Maintaining record of Construction works	53
49.0	Deployment of Engineers	54
50.0	Contract Labour and Safety	54
51.0	Provisions of Employees provident fund	55
52.0	Precautions to be taken while plying of vehicles adjacent	55
53.0	Penalty due to unsafe work	56
54.0	Hiring of Railway's Plants, Machineries etc.,	57
55.0	Contractors responsibilities for temporary works and materials	58
56.0	Notice to Public Bodies	58
57.0	Supply of materials by the contractors	58
57.1	Stage Payment for Structural Steel	59
58.0	Period of completion	59
59.0	Maintenance Period	60
60.0	Maintenance certificate	60
61.0	Final Payment	60
62.0	Variation in Extent of Contract	61
63.0	Vitiating Clause	62
64.0	Price Variation Clause	62-68

65.0	Price variation during extended period of contract	68
66.0	Letter of credit as Mode of payment in works tenders or service tenders	68
67.0	Updation of Labour data on Railway's Shramikkalyan portal	69
68.0	Knowledge of safety rules	69
69.0	Indemnity by tenderers/Contractors	70
70.0	Determination of Contract	70
71.0	Arbitration	72-76
72.0	Jurisdiction of the Court binding the contract	76
	<b><u>PART D</u></b>  SCOPE OF WORK AND MILE STONE	
	<b><u>PART E</u></b>  SPECIAL CONDITIONS OF CONTRACT -  TECHNICAL	
	<b><u>PART F</u></b>  IF APPLICABLE	

# **PART- A**

## **INTRODUCTION**

### **1.0 SCOPE OF WORK:**

- 1.1 The contractor has to execute the following works as per the descriptive items in the Schedules (Annexures) and as per notes, payment conditions, and special conditions of contract, additional conditions (if any), specifications and plans attached to the tender and also in accordance with Standard General Conditions of Contract.

The scope of work and mile stone in detail is available at **Part- D**

- 1.2 The scope of work mentioned above is indicative and for general guidance only. Actual scope of work may vary as per Railway's requirement and site conditions based on the overall project requirements in consonance with the tender. The contractor shall execute the work as directed.
- 1.3 The contractor shall inspect the site thoroughly, study the scope and conditions meticulously and quote his rates accordingly.
- 1.4 For further details about scope of work, the tenderers may contact Dy. Chief Engineer (Construction) of the project concerned.

### **2.0 PROPOSED METHODOLOGY AND SPECIAL FEATURES:**

- 2.1 The tenderers are advised to visit the site/section and work out the methodology for executing the work within the currency duly satisfying all conditions of the tender and work out their tender offer accordingly.

### **3.0 VALIDITY OF THE TENDER:**

This tender is called in Two packet system. The tender shall be valid and be available for consideration of the Railway for **60 Days** unless specified otherwise. This period covers the requirement of both packets.

### **4.0 COMPLETION PERIOD:**

Completion period for this work is specified in the NIT HEADER. Tenderers are advised to note that time is the essence of the contract and they are expected to keep this strictly in view at all times.

# **PART – B**

## **REGULATIONS FOR TENDERS AND CONTRACTS** **AND INSTRUCTIONS TO TENDERERS**

### **MEANING OF TERMS:**

- 1.0 Applicability: These instructions and conditions of contract shall be applicable for all the tenders and contracts of railways for execution of 'Works' as defined in GFR 2017.
- 1.1.1. Definition: In these Instructions to Tenderers, the following terms shall have the meanings assigned hereunder except where the context otherwise requires:
- 1.1.2. "Railway" shall mean the President of the Republic of India or the administrative officers of the Southern Railway or of the Successor Railway authorized to deal with any matter, which these presents are concerned on his behalf.
- 1.1.3. "General Manager" shall mean the Officer in charge for the general superintendence and control of the Southern Railway and shall also include the Chief Administrative Officer (Construction), Southern Railway and shall mean and include their successors of the Successor Railway.
- 1.1.4. "Chief Engineer" shall mean the Officer in Charge of the Engineering Department of the Southern Railway and shall also include the Chief Engineer (Construction), Chief Signal & telecommunication Engineer (Construction), Chief Electrical Engineer (Construction) and shall mean & include their successors of the Successor Railway.
- 1.1.5. "Engineer" shall mean the Divisional Engineer or the Executive Engineer, Divisional Signal & Telecom Engineer, Divisional Electrical Engineer, Divisional Mechanical Engineer in executive charge of the works and shall include the superior officers of both Open Line and Construction organisations, of Engineering, Signal & Telecom, Mechanical and Electrical Departments, i.e. the Senior Divisional Engineer/Deputy Chief Engineer/Chief Engineer, Senior Divisional Signal & Telecom Engineer / Dy. Chief Signal & Telecom Engineer, Senior Divisional Electrical Engineer / Deputy Chief Electrical Engineer, Senior Divisional Mechanical Engineer and shall mean & include the Engineers of the Successors Railway.
- 1.1.6. "Engineer's Representative" shall mean the Assistant Executive Engineer of Assistant Signal & Telecommunication Engineer or Assistant Electrical Engineer in direct charge of the works and shall include any Senior Section/Junior Engineer of Civil Engineering/Signal & Telecommunication Engineering/Electrical Engineering departments appointed by the Southern Railway and shall mean and include the Engineer's Representative of the Successor Railway.
- 1.1.7. "Successor Railway" shall mean and include such other Railway to which for administrative or other reasons this contract may during its pendency be transferred.
- 1.1.8. "Tenderer" shall mean the person / the firm / co-operative society or company/Joint Venture Group whether incorporated or not who tenders for the works with a view to execute the works on contract with the Railway and shall include their representatives, successors and permitted assigns.
- 1.1.9. "Contractor" shall mean the person / firm / co-operative society or company/Joint Venture Group whether incorporated or not who enters into the contract with the Railway and shall include their representatives, successors and permitted assigns.
- 1.1.10. "Contractor's authorized Engineer" shall mean a graduate Engineer having more than 3 years experience in the relevant field of construction work involved in the contract, duly approved by Engineer.

- 1.1.11 “Contract” shall mean and include the Agreement, the Work Order, the accepted Bill(s) of Quantities or Chapter(s) of Standard Schedule of Rates (SSOR) of the Southern Railway modified by the tender percentage of items of works quantified or not quantified, Indian Railways Standard General Conditions of Contract, the Special Conditions of contract if any, the drawings, the specifications, the special specifications if any, schedule of quantities, Manuals and instructions if any and Tender Forms if any, all in complete updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, known as “Contract Documents”.
- 1.1.12 “Limited Tenders” shall mean tenders invited from all or some contractors on the approved or selected list of contractors with the Railway.
- 1.1.13 “Open Tenders” shall mean the tenders invited in open and public manner and with adequate notice and publicity.
- 1.1.14 “Works” shall mean the works contemplated in the drawings and Bill(s) of Quantities set forth in the tender forms and required to be executed according to the specifications.
- 1.1.15 “Specifications” shall mean the Specifications for Materials and Works of the Railway as specified under the authority of the Ministry of Railways or Chief Engineer or as amplified, added to or superseded by special specifications if any, appended to the Tender Forms.
- 1.1.16 Standard Schedule of Rates (SSOR) shall mean the schedule of Rates adopted by the Railway, which includes-
1. “Unified Standard Schedule of Rates of the Railway (USSOR)” i.e. the Standard Schedule of Rates of the Railway issued under the authority of the Chief Engineer from time to time, updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents;
  2. “Delhi Schedule Of Rates (DSR)” i.e. the Standard Schedule of Rates published by Director General/ Central Public Works Department, Government of India, New Delhi, as adopted and modified by the Railway under the authority of the Chief Engineer from time to time, updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.
- 1.1.17 “Drawings” shall mean the maps, drawings, plans and tracings or prints thereof annexed to the Tender Forms.
- 1.1.18 “Constructional Plant” shall mean all appliances or things of whatsoever nature required for the execution, completion or maintenance of the works or temporary works (as hereinafter defined) but does not include materials or other things intended to form or forming part of the permanent work.
- 1.1.19 “Temporary works” shall mean all temporary works of every kind required for the execution, completion or maintenance of the works.
- 1.1.20 “Site” shall mean the lands and other places on under in or through which the works are to be carried out and any other lands or places provided by the Railway for the purposes of the contract.
- 1.1.21 “Period of Maintenance” shall mean the specified period of maintenance from the date of completion of the works as certified by the Engineer.
- 1.1.22 “Bill of Quantities” shall mean Schedule of Item(s) included in the tender document along with respective quantities.
- 1.1.23 Singular or plural: Words importing the singular number shall also include the plural and vice versa where the context requires.
- 1.2 Interpretation: These Instructions to tenderers shall be read in conjunction with the Standard General Conditions of Contract 2022 with correction slips which are referred to therein and shall be subjected to modifications/additions or super-sessions by Special Conditions of Contract and/or drawings manuals, specifications and/or special specifications, if any, annexed to tender forms. Wherever there is a conflict between the Special Condition and General Condition, the Special Condition shall prevail.

- 1.3 Date of inviting tender shall be the date of publishing tender notice on IREPS website if tender is published on website or the date of publication in newspaper in case tender is not published on website.

## **2.0 INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDER**

- 2.1 **E-tender shall be issued free of cost to all tenderers.** Payment towards **Bid Security** as indicated in the NIT header should be paid only through the E-Payment facility (i.e.) Net banking or Payment Gateway provided in the IREPS web portal.
- 2.2 The Bid Security of the unsuccessful Tenderer(s) will, save as hereinbefore provided, be returned to the unsuccessful Tenderer(s) within a reasonable time but the Railway shall not be responsible for any loss or depreciation that may happen to the Security for the due performance of the stipulation to keep the offer open for the period specified in the tender documents or to the Bid Security while in their possession nor be liable to pay interest thereon.
- 2.3 Tenderers are advised to visit the site of work in their own interest and acquaint themselves with the site conditions and expected quantum of work.
- 2.4 Standard General Conditions of Contract and Standard Specifications (Works and Materials) of Indian Railways, Standard Schedule of Rates (SSOR) as amended/corrected upto latest correction slips, copies of which can be seen in the office of the Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 or copies can be obtained on payment.
- 2.5 Tenderer must upload details as per Annexures given in the Tender form while submitting their offer online.
- 2.6 The tender will be opened in the office of Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 at the prescribed date and time.
- 2.7 If the date of opening of tender is declared as a holiday at a later date, the tender will be opened on the next working day. The tenderer who have participated in the tender can view the rates of all the tenderers after opening of tenders.
- 2.8 All terms and conditions in the tender document are binding on the tenderer.
- 2.9 Non compliance of any of the conditions set forth herein is liable to result in the tender being summarily rejected.
- 2.10 Railway reserves the right to accept or reject any or all the tenders and award the work in whole or part without assigning any such action.
- 2.11 **Drawings for this work:** The Drawings for the work can be seen in the office of the Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 at any time during the office hours. The drawings are only for the guidance of the Tenderer. Detailed working drawings (if required), based generally on the drawings mentioned above, will be given by the Engineer or his representative from time to time wherever required.
- 2.12 The Tenderer(s) shall quote his / their rates as a percentage above or below the Standard Schedule of Rates (SSOR) of Southern Railway as applicable to \_\_\_\_\_ Division except where he/they are required to quote item rates and must tender for all the items shown in the Bill(s) of Quantities attached. The quantities shown in the attached Bill(s) of Quantities are given as a guide and are approximate only and are subject to variation according to the needs of the Railway.
- 2.13 The Railway does not guarantee work under each item of the Bill(s) of Quantities. The tenderer(s) shall quote rates / rebates only at specified place in Tender Form supplied by Railway. Any revision of rates / rebates submitted (quoted) through a separate letter whether enclosed with the bid (Tender Form) or submitted separately or mentioned elsewhere in the document other than specified place shall be summarily ignored and will not be considered.
- 2.14 Tenders containing erasures and / or alterations of tender documents are liable to be rejected. Any correction made by tender(s) in his/their entries must be attested by him / them.

### 3.0 Bid Security:

- (1) (a) The tenderer shall be required to submit the Bid Security with the tender for the due performance with the stipulation to keep the offer open till such date as specified in the tender, under the conditions of tender. The Bid Security shall be as under:

Value of the Work	Bid Security
For works estimated to cost up to ₹ 1 crore	2% of the estimated cost of the work
For works estimated to cost more than ₹ 1 crore	₹ 2 lakh plus ½% (half percent) of the excess of the estimated cost of work beyond ₹ 1 crore subject to a maximum of ₹ 1 crore

Note:

- (i) The Bid Security shall be rounded off to the nearest ₹100. This Bid Security shall be applicable for all modes of tendering.
- (ii) Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as 'Startups' shall be exempted from payment of Bid Security detailed above.
- (iii) Labour Cooperative Societies shall submit only 50% of above Bid Security detailed above.

(b) It shall be understood that the tender documents have been issued to the tenderer and the tenderer is permitted to tender in consideration of stipulation on his part, that after submitting his tender he will not resale from his offer or modify the terms and conditions thereof in a manner not acceptable to the Engineer. Should the tenderer fail to observe or comply with the said stipulation, the aforesaid amount shall be liable to be forfeited to the Railway.

(c) If his tender is accepted, this Bid Security mentioned in sub para (a) above will be retained as part security for the due and faithful fulfillment of the contract in terms of Clause 16 of the Standard General Conditions of Contract. The Bid Security of other Tenderers shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation that may happen thereto while in their possession, nor be liable to pay interest thereon.

(2) The Bid Security shall be deposited either in cash through e-payment gateway or submitted as Bank Guarantee bond from a scheduled commercial bank of India or as mentioned in tender documents. The Bank Guarantee bond shall be as per Annexure- XIII and shall be valid for a period of 90 days beyond the bid validity period.

(3) In case, submission of Bid Security in the form of Bank Guarantee, following shall be ensured:

- A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender.
- The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (**i.e. excluding the last date of submission of bids**)
- Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.
- The Tender Security shall remain valid for a period of 90 days beyond the validity period for the Tender.
- The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time, failing which the bid will be rejected
- The Bank Guarantee shall be placed in an envelope, which shall be sealed. The envelope shall clearly bear the identification "Bid for the \*\*\*\*\* Project" and shall clearly indicate the name and address of the Bidder. In addition, the Bid Due Date should be indicated on the right hand top corner of the envelope.
- The envelope shall be addressed to the officer and address as mentioned in the tender document.
- If the envelope is not sealed and marked as instructed above, the Railway assumes no responsibility for the misplacement or premature opening of the contents of the Bid submitted and consequent losses, if any, suffered by the Bidder.

Subject to exemptions provided above in this document, the tender must be accompanied by a Bid Security as mentioned in tender documents, failing which the tender shall be summarily rejected.

If his tender is accepted, the Bid Security mentioned in sub para(a) above deposited in cash through e-payment gateway will be retained as part security for the due and faithful fulfilment of the contract.



The Bid Security mentioned in sub para(a) above submitted as Bank guarantee bond, will be encashed as part security for the due and faithful fulfilment of the contract in terms of Clause 16 of the Standard General Conditions of Contract.

The Bid Security of other Tenderers shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation to the Bid Security that may happen thereto while in their possession, nor be liable to pay interest thereon.

(d) In case Contractor submits the Term Deposit Receipt/Bank Guarantee Bond towards either the Full Security Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security so retained as per sub para(c) above, to the Contractor.

#### **4.0 TENDER DOCUMENT:**

4.1 Tender Forms shall embody the contents of the contract documents either directly or by reference and shall be as per specimen form, Annexure-I. **e-Tender Form shall be issued free of cost to all tenderers.**

4.2 The following documents form part of this Tender/Contract:

- (a) Tender Forms – First Sheet and Second Sheet
- (b) Special Conditions/Specifications (enclosed)
- (c) Bill(s) of quantities (enclosed)
- (d) Standard General Conditions of Contract and Standard Specifications (Works and Materials) of Indian Railways as amended/corrected upto latest correction slips,
- (e) Standard Schedule of Rates (SSOR) as amended / corrected upto latest correction slips
- (f) All general and detailed drawings pertaining to this work which will be issued by the Engineer or his representatives (from time to time) with all changes and modifications.

4.2.2 Order of Precedence of Documents: In a contract agreement, in case of any difference, contradiction, discrepancy, with regard to conditions of tender/contract, specifications, drawings, Bill(s) of Quantities etc., forming part of the tender/contract, the following shall be the order of precedence:

- i. Letter of Award/Acceptance(LOA)
- ii. Bill(s) of Quantities
- iii. Special Conditions of Contract
- iv. Technical Specifications as given in tender documents
- v. Drawings
- vi. Indian Railways Standard General Conditions of Contract updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.
- vii. Indian Railways Unified Standard Specification (IRUSS-2019) updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- viii. CPWD Specifications 2019 Vol I & II updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- ix. Indian Railways Unified Standard Specifications (Works and Material) 2010 updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- x. IR Specifications/Guidelines updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.
- xi. Relevant B.I.S. Codes updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.

1.02 Interpretation: These Instructions to Tenderers shall be read in conjunction with the Standard General Conditions of Contract which are referred to herein and shall be subject to modifications additions or suppression by Special Conditions of Contract and/or Special Specifications, if any, annexed to the Tender Forms.

4.3 All General and detailed drawings pertaining to the works, which will be issued by the Engineer or his representatives (from time to time) with all changes and modifications.

#### **4.4 AMENDMENT OF TENDER DOCUMENT**

Railways may modify the Tender Document by issuing ADDENDA/CORRIGENDA.

Tenderers are advised to upload the tender well in advance before the stipulated time. It is the responsibility of the Tenderer to check any correction or any modifications (addenda/corrigenda) published subsequently Web site and the same shall be taken into account while submitting the tender. No addenda/corrigenda will be issued within 15 days of the date of tender opening.

To give prospective bidders a reasonable time to take ADDENDUM/CORRIGENDUM into account in preparing their bids, the Railways may at their discretion extend as necessary, the deadline for submission of Tender document.

#### **5.0 ELIGIBILITY CRITERIA AND CREDENTIALS:**

**Tenderers should fulfill the following Eligibility criteria for the works costing more than Rs.50 lakhs.** (No Technical and Financial credentials are required for tenders costing up to Rs 50 lakhs)

##### **5.1 Technical Eligibility Criteria:**

- (a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:

**Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or**

**Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or**

**One similar work each costing not less than the amount equal to 60% of advertised value of the tender.**

- (b) (i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges – substructure, superstructure etc.), tenderer must have successfully completed **or substantially completed** any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:

**Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or**

**Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or**

**One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.**

Note for b(i): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.

- (b) (ii) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.

(iii) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 the Standard General Conditions of Contract or through subcontractor fulfilling the requirements as per clause 7 the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing.

However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows:

The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.

Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway.

In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing.

Total value of work assigned to the subcontractor(s) shall not be more than 50% of total tender/contract value. The credential of the subcontractor(s) for eligibility criteria will be taken into consideration as on last day of month previous to date of the opening of the tender.

#### **Note for Item 5.1:**

Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.

In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.

### **5.2 Financial Eligibility Criteria:**

The tenderer must have minimum average annual contractual turnover of V/N or “V” whichever is less; where

V= Advertised value of the tender in crores of Rupees

N= Number of years prescribed for completion of work for which bids have been invited.

The average annual contractual turnover shall be calculated as an average of “total contractual payments” in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover.

The tenderers shall submit requisite information as per Annexure-XIV along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.

Note for 5.2: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.

5.3 No Technical and Financial credentials are required for tenders having advertised value up to Rs 50 lakh.

5.4 Credentials if submitted in foreign currency shall be converted into Indian currency i.e., Indian Rupee as under:

The conversion rate of US Dollars into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India or entity authorized by RBI to do so for the relevant date or immediately previous date for which rates have been published.. Where, relevant date shall be as on the last day of month previous to the one in which tender is invited. In case of any other currency, the same shall first be converted to US Dollars as on the last day of month previous to the one in which tender is invited, and the amount so derived in US Dollars shall be converted into Rupees at the aforesaid rate. The conversion rate of such currencies shall be the daily representative exchange rates published by the International Monetary Fund for the relevant date or immediately previous date for which rates have been published.

[Explanation for Clause 5 including clause 5.1 to 5.5 - Eligibility Criteria:

1. Substantially Completed Work means an ongoing work in which payment equal to or more than 90% of the present contract value (excluding the payment made for adjustment of Price variation (PVC), if any) has been made to the contractor in that ongoing contract and no proceedings of termination of contract on Contractor's default has been initiated. The credential certificate in this regard should have been issued not prior to 60 days of date of invitation of present tender.

2. In case a work is started prior to 07 (seven) years, ending last day of month previous to the one in which tender is invited, but completed in last 07 (seven) years, ending last day of month previous to the one in which tender is invited, the completed work shall be considered for fulfillment of credentials.

3. If a work is physically completed and completion certificate to this extent is issued by the concerned organization but final bill is pending, such work shall be considered for fulfillment of credentials.

4. In case of completed work, the value of final bill (gross amount) including the PVC amount (if paid) shall be considered as the completion cost of work. In case final bill is pending, only the total gross amount already paid including the PVC amount (if paid) shall be considered as the completion cost of work.

In case of substantially completed work, the total gross amount already paid including the PVC amount (if paid), as mentioned in the certificate, shall be considered as the cost of substantially completed work.

5. If a bidder has successfully completed a work as subcontractor and the work experience certificate has been issued for such work to the subcontractor by a Govt. Organization or public listed company as defined in Note for Item 5.1 Para 5 of Technical Eligibility Criteria, the same shall be considered for the purpose of fulfillment of credentials.

**6. In case a work is considered similar in nature for fulfillment of technical credentials, the overall cost including PVC amount (if paid) of that completed work or substantially completed work shall be considered and no separate evaluation for each component of that work shall be made to decide eligibility.**

7. In case of newly formed partnership firm, the credentials of individual partners from previous proprietary firm(s) or dissolved previous partnership firm(s) or split previous partnership firm(s), shall be considered only to the extent of their share in previous entity on the date of dissolution / split and their share in newly formed partnership firm. For example, a partner A had 30% share in previous entity and his share in present partnership firm is 20%. In the present tender under consideration, the credentials of partner A will be considered to the extent of  $0.3 \times 0.2$  \* value of the work done in the previous entity. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No.(s) in case of dissolution of partnership firm(s) etc.

8. In case of existing partnership firm, if any one or more partners quit the partnership firm, the credentials of remaining partnership firm shall be re-worked out i.e., the quitting partner(s) shall take away his credentials to the extent of his share on the date of quitting the partnership firm (e.g. in a partnership firm of partners A, B & C having share 30%, 30% & 40% respectively and credentials of Rs 10 crore; in case partner C quits the firm, the credentials of this partnership firm shall remain as Rs 6 crore). For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No.(s) in case of dissolution of partnership firm(s) etc.

9. In case of existing partnership firm if any new ~~other~~ partner(s) joins the firm without any modification in the name and PAN/TAN no. of the firm, the credentials of partnership firm shall get enhanced to the extent of credentials of newly added partner(s) on the same principles as mentioned in item 6 above. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deeds, dissolution/splitting deeds and proof of surrender of PAN No.(s) in case of dissolution of partnership firm etc.

10. Any partner in a partnership firm cannot use or claim his credentials in any other firm without leaving the partnership firm i.e., In a partnership firm of A&B partners, A or B partner cannot use credentials of partnership firm of A&B partners in any other partnership firm or propriety firm without leaving partnership firm of A&B partners.

11. In case a partner in a partnership firm is replaced due to succession as per succession law, the proportion of credentials of the previous partner will be passed on to the successor.

12. If the percentage share among partners of a partnership firm is changed, but the partners remain the same, the credentials of the firm before such modification in the share will continue to be considered for the firm as it is without any change in their value. Further, in case a partner of partnership firm retires without taking away any credentials from the firm, the credentials of partnership firm shall remain the same as it is without any change in their value.

13. In a partnership firm "AB" of A&B partners, in case A also works as propriety firm "P" or partner in some other partnership firm "AX", credentials of A in propriety firm "P" or in other partnership firm "AX" earned after the date of becoming a partner of the firm AB shall not be added in partnership firm AB.

14. In case a tenderer is LLP, the credentials of tenderer shall be worked out on above lines similar to a partnership firm.

15. In case company A is merged with company B, then company B would get the credentials of company A also.]

#### **06. Tenderer Credentials:**

Documents testifying tenderer previous experience and financial status should be produced along with the tender.

Tenderer(s) who is / are not borne on the approved list of the Contractors of Southern Railway construction organisation shall submit along with his / their tender:

(i) Certificates and testimonials regarding contracting experience for the type of job for which tender is invited with list of works carried out in the past.

(ii) Certificates which may be an attested Certificate from the client, Audited Balance Sheet duly certified by the Chartered Accountant etc regarding contractual payments received in the past.

(iii) The list of personnel / organization on hand and proposed to be engaged for the tendered work. Similarly list of Plant & Machinery available on hand and proposed to be inducted and hired for the tendered work.

(iv) A copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted alongwith bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Annexure-XII or V of GCC. In addition to Annexure-XII or V, in case of **other than Company/Proprietary firm**, Annexure-XII(A) or V(A) of GCC shall also be submitted by the each member of a Partnership Firm/Joint Venture (JV)/Hindu Undivided Family (HUF)/Limited Liability Partnership (LLP) etc. as the case may be. Non submission of a copy of certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly **self attested / digitally signed** by which they/he are/is qualifying the Qualifying Criteria mentioned in the Tender Document.

(v) The Railway reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the Railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Railway thereunder.

- (vi) (a) In case of any information submitted by tenderer is found to be false forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender Bid Security besides banning of business for a period of upto two years.
- (b) In case of any information submitted by tenderer is found to be false forged or incorrect after the award of contract, the contract shall be terminated. Bid Security, Performance Guarantee and Security Deposit available with the railway shall be forfeited. In addition, other dues of the contractor, if any, under this contract shall be forfeited and agency shall be banned for doing business for a period of upto two years.

07. Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected.

**08. Execution of Contract Documents:** The successful Tenderer(s) shall be required to execute an agreement with the President of India acting through the Chief Administrative Officer/Chief Engineer/Deputy Chief Engineer/Executive Engineer, Construction Organization of Southern Railway for carrying out the work according to Standard General Conditions of Contract, Special Conditions / Specifications annexed to the tender and Standard Specifications (Works and Materials) of Railway as amended/corrected upto latest correction slips, mentioned in tender form.

#### **09. Documents to be Submitted Along with Tender**

- (i) The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be
- (ii) Following documents shall be submitted by the tenderer:
  - (a) Sole Proprietorship Firm:**
    - (i) An undertaking that he is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.
    - (ii) All other documents in terms of explanatory notes in clause 5 above.
  - (b) HUF:**
    - (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF.
    - (ii) An undertaking that the HUF is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which HUF was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.
    - (iii) All other documents in terms of explanatory notes in Clause 5.0 above.
  - (c) Partnership Firm:**  
The tenderer shall submit all documents as mentioned in Clause 13 of the Tender Form
  - (d) Joint Venture (JV):** The tenderer shall submit all documents as mentioned in Clause 12 of the Tender Form
  - (e) Company registered under Companies Act 2013:**
    - (i) The copies of **MOA (Memorandum of Association)** / **AOA (Articles of Association)** of the company
    - (ii) A copy of Certificate of Incorporation
    - (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.
    - (iv) An undertaking that the Company is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in

individual capacity or as a member of the partnership firm or JV in which the Company was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.

(iv) All other documents in terms of explanatory notes in Clause 5 above.

**(f) LLP (Limited Liability Partnership):** If the tender is submitted on behalf of a LLP registered under LLP Act-2008, the tenderer shall submit along with the tender:

- ☐ (i) A copy of LLP Agreement
- ☐ (ii) A copy of Certificate of Incorporation
- ☐ (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP.
- ☐ (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of JV in which the LLP was / is a member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.
- ☐ (v) All other documents in terms of explanatory notes in Clause 5.0 above.

**(g) Registered Society & Registered Trust:** The tenderer shall submit:

- ☐ (i) A copy of the Certificate of Registration
  - ☐ (ii) A copy of Memorandum of Association of Society/Trust Deed
  - ☐ (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust.
  - ☐ (iv) A copy of rules and regulations of the society.
  - ☐ (v) All other documents in terms of explanatory notes in Clause 5.0 above.
- (iii) If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender.
- (iv) After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF/LLP etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted.
- (v) A tender from JV / Partnership firm etc. shall be considered only where permissible as per the tender conditions.
- (vi) The Railway will not be bound by any change of power of attorney or in the composition of the firm made subsequent to the submission of tender. Railway may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.

**10.** The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF/ LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person specifically authorizing him/them to sign the tender, submit the tender, and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, failing which tender shall be summarily rejected.

A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement to receive money, co-ordinate measurements through contractor's authorized engineer, witness measurements, sign measurement books, compromise, settle, relinquish any claim(s) preferred by the firm and sign "No Claim Certificate" and refer all or any disputes to arbitration, **if required**.

Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the

Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.

#### **11. Employment/Partnership etc. of Retired Railway Employees:**

(a) Should a tenderer

i) be a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, OR

ii) being partnership firm / joint venture (JV) / registered society / registered trust etc have as one of its partners/members a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, OR

iii) being an incorporated company have any such retired Engineer of the gazetted rank or any other gazetted officer working before his retirement as one of its directors

AND

in case where such Engineer or officer had not retired from government service at least 1 year prior to the date of submission of the tender

THEN

the tenderer will give full information as to the date of retirement of such Engineer or gazetted officer from the said service and as to whether permission for taking such contract, or if the Contractor be a partnership firm or an incorporated company, to become a partner or director as the case may be, has been obtained by the tenderer or the Engineer or officer, as the case may be from the President of India or any officer, duly authorized by him in this behalf, shall be clearly stated in writing at the time of submitting the tender.

b) In case, upon successful award of contract, should a tenderer depute for execution of the works under or to deal matters related with this contract, any retired Engineer of gazette rank or retired gazetted officer working before his retirement in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, and now in his employment, then the tenderer will ensure that retired Engineer or retired gazetted officer had retired from government service at least 1 year prior to the date of his employment with tenderer and in case he had retired from service within a year then he possesses the requisite permission from the President of India or any officer, duly authorized by him in this behalf, to get associated with the tenderer.

c) Should a tenderer or Contractor being an individual, have member(s) of his family or in the case of partnership firm/ company / joint venture (JV) / registered society / registered trust etc. one or more of his partner(s)/shareholder(s) or member(s) of the family of partner(s)/shareholder(s) having share of more than 1% in the tendering entity employed in gazetted capacity in the Engineering or any other department of the railway, then the tenderer at the time of submission of tender, will inform the authority inviting tenders the details of such persons.

Note:-If information as required above has not been furnished, contract is liable to be dealt in accordance with provision of Clause 62 of Standard General Condition of contract.

#### **12. Participation of Partnership Firms in works tenders:**

12.1 The Partnership Firms participating in the tender should be legally valid under the provisions of the Indian Partnership Act.

12.2 The partnership firm should have been in existence or should have been formed prior to submission of tender. Partnership firm should have either been registered with the Registrar or the partnership deed should have been notarized prior to date of tender opening as per the Indian Partnership Act. prior to submission of tender.

12.3 Separate identity / name should be given to the partnership firm. The partnership firm should have PAN / TAN number in its own name and PAN / TAN number in the name of any of the constituent partners shall not be considered. The valid constituents of the firm shall be called partners.

12.4 Once the tender has been submitted, the constitution of the firm shall not normally be allowed to be modified / altered / terminated during the validity of the tender as well as the currency of the contract except when modification becomes inevitable due to succession laws etc., in which case prior permission should be taken from Railway and in any case the minimum eligibility criteria should not get vitiated. The re-constitution of firm in such cases should be followed by a notary certified Supplementary Deed. The approval for change of constitution of the firm, in any case, shall be at the sole discretion of the Railways and the tenderer shall have no claims what-so-ever. Any change in the constitution of Partnership firm after submission tender shall be with the consent of all partners and with the signatures of all partners as



that in the Partnership Deed. Failure to observe this requirement shall render the offer invalid and full Bid Security shall be forfeited.

12.4.1. If any Partner/s withdraws from the firm after submission of the tender and before the award of the contract, the offer shall be rejected and Bid Security of the tenderer will be forfeited. If any new partner joins the firm after submission of tender but prior to award of contract, his / her credentials shall not qualify for consideration towards eligibility criteria either individually or in proportion to his share in the previous firm. In case the tenderer fails to inform Railway beforehand about any such changes / modification in the constitution which is inevitable due to succession laws etc. and the contract is awarded to such firm, then it will be considered a breach of the contract conditions liable for determination of the contract under Clause 62 of the Standard General Conditions of Contract.

12.4.2. If any partner(s) of a partnership firm expires after the submission of its tender or after the acceptance of its tender, the Railway shall deem such tender as cancelled/contract as terminated under clause 61 of the Standard General Conditions of Contract, unless the firm retains its character as per partnership agreement.

12.5 A partner of the firm shall not be permitted to participate either in his individual capacity or as a partner of any other firm in the same tender.

12.6 The tender form shall be submitted only in the name of partnership firm. The Bid Security shall be submitted by partnership firm through e-payment gateway or as mentioned in tender document. The Bid Security submitted in the name of any individual partner or in the name of authorized partner (s) shall not be considered.

12.7 On issue of Letter of Acceptance (LOA) to the partnership firm, all the guarantees like Performance Guarantee, Guarantee for various Advances to the Contractor shall be submitted only in the name of the partnership firm and no splitting of guarantees among the partners shall be acceptable.

12.8 On issue of Letter of Acceptance (LOA), contract agreement with partnership firm shall be executed in the name of the firm only and not in the name of any individual partner.

12.9 In case the Letter of Acceptance (LOA) is issued to a partnership firm, the following undertakings shall be furnished by all the partners through a notarized affidavit, before signing of contract agreement.

(a) Joint and several liabilities:

The partners of the firm to which the Letter of Acceptance (LOA) is issued, shall be jointly and severally liable to the Railway for execution of the contract in accordance with General and Special Conditions of the Contract. The partners shall also be liable jointly and severally for the loss, damages caused to the Railway during the course of execution of the contract or due to non-execution of the contract or part thereof.

(b) Duration of the partnership deed and partnership firm agreement:

The partnership deed/partnership firm agreement shall normally not be modified/altered/ terminated during the currency of contract and the maintenance period after the work is completed as contemplated in the conditions of the contract. Any change carried out by partners in the constitution of the firm without permission of Railway, shall constitute a breach of the contract, liable for determination of the contract under Clause 62 of the Standard General Conditions of Contract.

(c) Governing laws: The partnership firm agreement shall in all respect be governed by and interpreted in accordance with the Indian laws.

(d) No partner of the firm shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other partner/s and that of the Railway.

12.10 The tenderer shall clearly specify that the tender is submitted on behalf of a partnership firm. The following documents shall be submitted by the partnership firm, with the tender:

(i) A notarized copy of partnership deed or a copy of the Partnership deed registered with the Registrar.

(ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm.

(iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were / are partners/members. Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract.

(iv) All other documents in terms of explanatory notes in clause 5 above.

12.11 Evaluation of eligibility of a partnership firm:

Technical and financial eligibility of the firm shall be adjudged based on satisfactory fulfillment of the eligibility criteria laid down in clause 5 above.

### 13.0 Additional special conditions:

- i) For execution of P.Way work, the Contractor will be permitted to engage a sub-contractor with the approval of Railways. The sub-contractor should have earlier successfully executed P.Way work with the Railways of required value/conditions if any and shall enter into an MOU (Memorandum of Understanding) with the contractor in advance or later.
- ii) For A.T. Welding, the contractor will be required to engage an agency for supply and execution of A.T. Welding who are approved by RDSO for this type of work and shall enter into an MoU with the contractor in advance or later.
- iii) For other specialized works, the above will be permitted if required and with approval of the Railways in case where Railway considers if necessary. The permission of engaging sub-contractor with the approval of Railways and engaging agency for welding works with MOU will be strictly as per Clause 7 of Standard General Conditions of Contract.
- iv) With respect to Railways, the credentials/ experience certificate should have been issued by at least a JA Grade Officer. However, the credential/ experience certificate issued by Sr. Scale Officer in their capacity, as co-coordinating/in-charge officer of a unit will also be accepted. With respect to other Government Departments and Public Sector Undertakings (PSUs), the certificate issued at the level of Executive Engineer and above can be taken as valid. Certificates issued by private parties [other than the bodies mentioned in Note for Item 5.1 for the completion of the work will not be considered.
- v) The experience certificate issued by Project Management Consultants (PMC) for the work executed for Govt. Departments/ Public Sector Undertakings will be accepted subject to the condition that the same is countersigned by the Officer of the concerned Govt. Departments/Public Sector Undertakings of the rank one step higher than that mentioned in the Para 14(iv) above. However, for accepting such experience certificates issued by PMCs, the tenderer shall also submit the eligibility certificates issued by the Govt. Department/PSU to the PMC agency for having completed their works satisfactorily and their contracts are closed in the related project or any other.
- vi) The total value of similar nature of works for the work physically completed during the qualifying period and not the payments received within qualifying period shall be considered.
- vii) In case, the final bill of similar nature of work has not been passed, and final measurements have not been recorded the paid amount including statutory deductions shall be considered. If final measurements have been recorded and works has been completed with negative variation, then also the paid amount including statutory deduction shall be considered. If final measurements have been recorded and works has been completed with positive variation but variation has not been sanctioned, original agreement value or the last sanctioned agreement value whichever is lower shall be considered.
- viii) All documents in support of fulfillment of eligibility criteria should be uploaded along with the tender. Tenders without documentary evidence in support of eligibility criteria will be summarily rejected. No post tender correspondence will be permitted and the tender shall be decided based on the documents submitted/attached with the offer only. However Railway reserves the right to verify/seek for any clarification on the documents/credentials already submitted by the tenderer along with the offer.
- ix) (a) Railway reserves the right to verify/seek clarification from authority/professional who has issued certificate towards technical/financial eligibility of the tenderer.

Clarification of Bids: To assist in the examination, evaluation & comparison and pre-qualification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing.

However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.

(b) In case the Certificates/Documents uploaded are proved to be false/ fabricated, the entire Bid Security is liable to be forfeited in addition to barring/black listing/banning their business with the Railway for a specified period of not less than FIVE years at the discretion of the Railway Administration.

- x) For the purpose of single similar nature of work, the Experience Certificate should be uploaded as per proforma given in **Annexure II** which can be filled up and signed and uploaded by the tenderer, in case the format issued by the Executive is different. Railway reserves the right to accept or reject or verify these details and the tenderer shall have no claims in this regard. The relevant Experience Certificates are also to be uploaded.
- xi) For the purpose of eligibility criteria, General Power of Attorney issued by other firms/individuals will not be considered.
- xii) If a Tenderer expires after the submission of his tender or after the acceptance of his tender, the Railway shall deem such tender as null and void/non-existing. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender the Railway shall deem such tender as null and void/non-existing, unless the firm retains its character.
- xiii) If the contractor's firm is dissolved on account of death, retirement of any partners or for any reason whatsoever, before fully completing the whole work or any part of it, undertaken by the principal agreement the surviving partners shall remain jointly/ severally and personally liable to complete the whole work to the satisfaction of the Railway and to pay compensation for loss sustained, if any by the Railway due to such dissolution. The amount of such compensation shall be decided by the administration and this shall be final and binding on the contractor.
- xiv) The cancellation of any document such as power of attorney, partnership deed etc., shall forthwith be communicated to the Railway in writing, failing which the Railway shall have no responsibility or liability for any action taken on the strength of the said documents.
- xv)
  1. Before submitting a tender, the Tenderer will be deemed to have satisfied himself by actual inspection of the site and locations of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the Tender Forms are adequate and all inclusive to accord with the provisions in the Standard General Conditions of Contract for the completion of the works to the entire satisfaction of the Engineer.
  2. Tenderers will examine the various provisions of The Central Goods and Services Tax Act, 2017(CGST)/ Integrated Goods and Services Tax Act, 2017(IGST)/ Union Territory Goods and Services Tax Act, 2017(UTGST)/ respective state's State Goods and Services Tax Act (SGST) also, as notified by Central/State Govt.& as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.
  3. The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to railway immediately after the award of contract, without which no payment shall be released to the Contractor. The Contractor shall be responsible for deposition of applicable GST to the concerned authority.
  4. In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.
  5. When work is tendered for by a firm or company, the tender shall be signed by the individual legally authorized to enter into commitments on their behalf.

6. The Railway will not be bound by any power of attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. It may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.

7. The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-XII or V of GCC. In addition to Annexure-XII in case of **other than Company/Proprietary firm**, Annexure-XII(A) or V(A) of GCC shall also be submitted by the each member of a Partnership Firm/Joint Venture (JV)/Hindu Undivided Family (HUF)/Limited Liability Partnership (LLP) etc. as the case may be. Non submission of above certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document.

- xvi) Tenderer must upload all details as per Annexures given in the document while submitting their offer.
- xvii) The date of opening of tender shall be considered as cut-off date for contractual payment receipts, and completion of single similar work during last 07 (seven) years, ending last day of month previous to the one in which tender is invited for the purpose of Eligibility Criteria.
- xviii) Tenderer shall keep the offer open for consideration for a minimum of **60 Days** from the date of closing of tender. It is understood that the tender documents have been issued to the Tenderer(s) and the Tenderer(s), is / are permitted to tender in consideration of the stipulation on his / their part that after submitting his / their tender subject to the period being extended further, if required by mutual agreement from time to time, he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to Southern Railway. Should the tenderer fail to observe or comply with the foregoing stipulation, the amount deposited or Bank guarantee bond submitted as Bid Security for the due performance of the above stipulation, shall be forfeited to the Railway.
- xix) All terms and conditions in the tender document are binding on the tenderer and non-compliance of any of the conditions set forth in Tender document is liable to result in the tender being rejected. Railway reserves the right to accept or reject any offer with any counter conditions put in by the tenderer and the Tenderer shall have no claims in this regard. The tenderers are advised not to put in any counter conditions in their own interest.
- xx) Partnership / Joint Ventures / Consortiums / HUF / Memorandum of Understandings will be considered in accordance with tender conditions
- xxi) a. The Railway reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway, make available all such information evidence and documents as may be necessary for such verifications. Any such verification or lack of such verification, by the Railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Railway thereunder.
- b. In case of any information submitted by tenderer is found to be false forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender Bid Security besides banning of business for a period of up to five years.
- c. In case of any information submitted by tenderer is found to be false forged or incorrect after the award of contract, the contract shall be terminated. Bid Security, Performance Guarantee and security deposit available with the railway shall be forfeited. In addition, other dues of the contractor, if any, under this contract shall be forfeited and agency shall be banned for doing business for a period up to five years.

(Signature)

(Designation)

Signature of Tenderer(s) \_\_\_\_\_ Railway Date \_\_\_\_\_ Date .....

## **14.0 DOCUMENTS COMPRISING THE TENDER BOOKLET FOR SUBMISSION**

The Bid shall comprise only one Packet shall contain the following:

- (a) Offer Submission Sheet in accordance with Annexure-I.
- (b) Bid Security, in accordance with Para No.3.0.
- (c) Written confirmation authorizing the signatory of the Tender to commit the Tender.
- (d) Documentary evidence in accordance with Annexure - I to XII along with the documentary proof for the items indicated in “Eligibility Criteria” to establish the Tenderer’s Credentials and Qualifications for the tender.
- (e) Any other document prescribed in the Tender booklet.
- (f) All the Annexures of Tender Schedule for various works covered in this Tender.

All possible fluctuations, in the rate of labour, material and general commodities, and other possibilities of each and every kind which may affect the rates, should be considered and kept in view before quoting the rates and no claim on this account shall be entertained by the Railway under any circumstances except the price escalation payable as per price variation clause, if any, provided separately in the tender documents.

The Tenderer/Contractor should quote realistic, reasonable and correct rate for each and every item of the schedule/s. Each and every item will be considered on its merits. Railway in furtherance of the provision of Clause No.7 of Standard General Conditions of Contract (Part-I), reserve the right to delete any item or items from the scope of the tender after opening of the offers and to accept the tender in whole or in part or reject any tender in whole or in part irrespective of the size or the value or scope of such deletion without assigning reasons for such action. The tenderer/contractor shall have no claim whatsoever in this regard.

Should a Tenderer find discrepancies in, or omissions from the drawings or any of the Tender Forms or should he be in doubt as to their meaning, he should at once notify the authority inviting tenders who may send a written intimation to all Tenderers. It shall be understood that every endeavour has been made to avoid any error which can materially affect the basis and scope of the tender and the Successful Tenderer shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no claim on account thereof.

Tender should be quoted as per tender conditions and the tenderer should not add/modify any conditions. If any additions/deletions/modifications are indicated by the tenderer, such additions/deletions/modifications if any, must be made by the tender/s in a covering letter with the tender. The railway reserves the right not to consider conditional tenders and reject the same without assigning any reason. Only those conditions which are explicitly accepted by the Railway shall form part of the contract.

The uploaded scanned certificate from the employer/client, audited balance sheet duly certified by the Chartered Accountant etc., will be taken for verifying the credentials. The tenderers should produce the originals of the above if required by the Railway Administration for verification.

Tenderer shall upload a declaration in the proforma enclosed, as **Annexure I**. Tenders without this declaration by the tenderer is likely to be rejected.

The Tenderer shall upload the experience certificate for the purpose of single nature of work in the format given as **Annexure II**.

Tenderers must upload the particulars provided for in **Annexure III** regarding basic details of the firm.

Tenderers must upload details of all works on hand with them in Railways, other public sector undertakings and private sector undertakings in the proforma **Annexure IV** while submitting their offers.

Tenderer must upload List of personnel, organization available on hand and proposed to be engaged for the subject work as per the proforma **Annexure V** while submitting their offers.

Tenderer must upload List of plant and machinery available on hand and proposed to be inducted for the subject work as per the proforma **Annexure VI** while submitting their offers.

The tenderer must upload the details of employment of retired Gazetted Railway Engineer if any, in the proforma given as **Annexure VII**.

Format for certificate to be submitted /uploaded by tenderer alongwith the tender documents as **Annexure XII or V of GCC**.

Bid capacity format as **Annexure XVII**

They will have to further confirm and declare that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount.

Tenderers should observe the highest standard of ethics while submitting the Tender Document.

- (a) Railways will disqualify an applicant if they have made misleading or false representation in the form, statements and attachments submitted; or indulges in fraudulent and corrupt practice.
- “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
  - “Fraudulent practice” means a misrepresentation of facts in order to influence an evaluation process or the execution of a contract, and includes collusive practices among Tenderers (prior to or after Tender submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the client’s free and open competitions.
- (b) Further Railways may declare a Tenderer ineligible, for any Railways contract if it at any time determines that the Tenderer has engaged in corrupt or fraudulent practices in completing for, or in executing, a borrowed financed contract in general; or defines, for the purpose of this provision, the terms set forth below as follows:
- (i) Records of poor performance during the last 5 years, as on the date of application such as abandoning the work, rescinding of contract for which the reasons are attributable to the non-performance of the contractor.
  - (ii) Inordinate delays in completion, consistent history of litigation awarded against the Applicant or any of its constituents or financial failure due to bankruptcy, etc. If the Contractor has worked in a Joint Venture, the rescinding of contract of a Joint Venture on account of reasons, such as Most Experienced Partner (Lead Partner) of Joint Venture pulling out.
- Or
- (iii) Been debarred (blacklisted) by any Government agencies as on the date of application.

## **15.0 SYSTEM OF VERIFICATION OF TENDERERS'S CREDENTIALS**

The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfill the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credential, submitted by the tenderer shall be self attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as “documents supporting the claim of qualifying the laid down eligibility criteria” will be considered for evaluating his/their tender.

The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as **Annexure XII or V of GCC**. Non submission of above certificate by the bidder shall result in summarily rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying criteria mentioned in the Tender Document.

It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned”

With the submission of the certificate as mentioned above, the practice of verification of tenderer's documents by the Railways may be dispensed with. Following clause is added to the instructions to Bidders.

- (a) The Railway reserves the right to verify all statements, information and documents submitted by the bidder in his tender officer, and the bidder shall, when so required by the Railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the railway there under.
- (b) In case of any wrong information submitted by tenderer, the contract shall be terminated, Bid Security, Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire Indian Railways for 5 (five) years.

## **16.0 OPENING OF TENDER :**

The tenders will be opened in the office of the Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 at the date and time mentioned.

If the date of opening of tender is declared as a holiday at a later date, the tender will be opened on the next working day.

## **17. CONSIDERATION OF TENDER**

- 17.1. Right of Railway to Deal with Tenders: The Railway reserves the right of not to invite tenders for any of Railway work or works or to invite open or limited tenders and when tenders are called to accept a tender in whole or in part or reject any tender or all tenders without assigning reasons for any such action. In case if tender is accepted in part by Railway administration, Letter of Acceptance shall be issued as counter offer to the Tenderer, which shall be subject to acceptance by the Tenderer.
- 17.2. Two Packets System of Tendering: With a view to assess the tenders technically without being influenced by the financial bids, 'Two Packets System of tendering' shall be adopted wherein tender documents provide for the same.
- 17.3. Pre Bid Conference: Intenders having advertised value more than Rs 50 Crore or as mentioned in the tender document, Railway shall conduct Pre Bid Conference(s) with the prospective bidders.
- 17.4. If any of the reasons/conditions provided in the tender document are not satisfied the offer becomes invalid.
- 17.5. Provision of Make in India Policy 2017 issued by Govt. Of India, as amended from time to time, shall be followed for consideration of tenders.

- 17.6 Permission to Bid for a bidder from a country which shares Land boundary with India: Any bidder from the countries sharing a land border with India will be eligible to bid in any procurement of works (including turnkey projects) only if the bidder is registered with the Competent Authority. The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India. For interpretation of this para, Department of Expenditure, Ministry of Finance, Government of India letter F.No.6/18/2019-PPD dated 23/07/2020 shall be referred.
- 17.7 Clarification of Bids: To assist in the examination, evaluation & comparison and pre-qualification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing.

However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.

## **18.0 CONDITIONAL OFFER AND ALTERNATIVE PROPOSALS BY TENDERERS**

Tenderers shall submit offers that fully comply with the requirements of the Tender documents including the conditions of contract (including those connected to mobilization advance or time for completion, etc.), design and specification requirements if any. Conditional offer or alternative offers will not be considered in tender evaluation and are liable to be rejected. The tenderer shall have no claims in this regard whatsoever.

## **19.0 PROCESS TO BE CONFIDENTIAL**

Information relating to the examination, clarification, evaluation and comparison of tender and recommendations for the award of a contract shall not be disclosed to other tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a Tenderer to influence the Railway's processing of Bids or award decisions may result in the rejection of his Tender.

The Packet-1 of the Tender Document i.e. "Technical Bid" opened on the nominated day will be considered for short-listing the tenderers as per the Eligibility Criteria and other stipulations in the Tender Document. The tenderers who are short-listed as a result of evaluation will be intimated about the date and time of opening of their Packet 2 of Tender Document i.e. "Commercial/Price Bid" and the same will be opened.

The Bid Security of tenderers who do not get short-listed on evaluation of Packet-1 of the Tender Document i.e. "Technical Bid" will be returned by Railways only after finalization of the tender.

The "Commercial/Price Bids" of short-listed tenderers will be further evaluated for consideration and award of work, if found eligible and acceptable.

## **20.0 CLARIFICATION OF COMMERCIAL/PRICE BIDS**

Normally Post tender correspondence is not permitted. However, to assist in the examination, evaluation and comparison of offers received, the Railway may, at their discretion, ask any tenderer for clarification of his Bid, including break-up of unit rates. The request for clarification and the response shall be in writing or by FAX, but no change in the price or substance of the Bid shall be sought, offered, or permitted.

A substantially responsive 'Commercial/Price Bid' is one, which conforms to all the terms, conditions and specifications of the tender documents, without material deviation or reservation. A material deviation or reservation is one

- (a) which affects in any substantial way the scope, quality or performance of the works;
- (b) which limits in any substantial way, inconsistent with the tender documents, the Railways rights or the tenderer's obligations under the Contract; or



- (c) whose rectification would affect unfairly the competitive position of other tenderer's presenting substantially responsive Bids.

If a 'Commercial/Price Bid' is not substantially responsive, it will be rejected by the Railways and subsequent correction or withdrawal of the non-conforming deviation or reservation to make the response substantive is not permitted.

If the offer Bid of a Tenderer is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the Railways may require the tenderer to produce detailed price analysis for any or all items of the Tender Schedule, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed.

In case of any information submitted by tenderer is found to be false forged or incorrect after the award of contract, the contract shall be terminated and Bid Security, Performance Guarantee and security deposit available with the railway shall be forfeited. In addition, other dues of the contractor, if any, under this contract shall be forfeited and agency shall be banned for doing business for a period upto five years.

The tenderer/s shall not increase his/their rate (even for any item) in case the Railway Administration negotiates for reduction of rates. Such negotiations shall not amount to cancellation or withdrawal of the original offer and rates originally quoted will be binding on the tenderer/s in the event negotiations fail.

The Railways shall consider to award the contract to the Tenderer whose tender is substantially responsive to the tender document and whose offer has been determined to be the lowest among evaluated.

The authority for the acceptance of the tender will rest with the Competent authority to whom the power to accept the tender has been delegated who does not bind himself to accept the lowest or any other tender nor does he undertake to assign reasons for declining to consider any particular tender or tenders. He also reserves the right to accept the tender in whole or in part or to divide the tender amongst more than one tenderer if deemed necessary.

## **21.0 ACCEPTANCE OF TENDER**

The authority for the acceptance of the tender will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest tender or any other tender, and tenderer(s) shall neither demand any explanation for the cause of rejection of his/ their tender nor the Railway to assign reasons for declining to consider or reject any particular tender or tenders.. In case if tender is accepted in part by Railway administration, Letter of Acceptance shall be issued as counter offer to the Tenderer, which shall be subject to acceptance by the Tenderer.

If the tenderer(s) deliberately gives / give wrong information in his / their tender or creates /create circumstances for the acceptance of his / their tender, the Railway reserves the right to reject such tender at any stage.

If any partner(s) of a partnership firm expires after the submission of its tender or after the acceptance of its tender, the Railway shall deem such tender as cancelled/contract as terminated under clause 61 of the Standard General Conditions of Contract, unless the firm retains its character as per partnership agreement. If a sole proprietor expires after the submission of tender or after the acceptance of tender, the Railway shall deem such tender as cancelled / contract as terminated under clause 61 of the Standard General Conditions of Contract.

The Tenderer whose tender is accepted shall be required to attend the Office of the Chief Administrative Officer / Chief Engineer / Dy.Chief Engineer, Executive Engineer (Construction) as the case may be in person, or if a firm or corporation, a duly authorised representative shall so attend, and to execute the contract documents within 7 days after receipt of notice issued by the Railway that such documents are ready. Failure to do so shall constitute a breach of the contract effected by the acceptance of the tender in which case the full value of the Bid Security accompanying the tender shall stand forfeited without prejudice to any other rights or remedies available to the Railway including imposing ban or suspension of business with the tenderer and/or imposing penalties as deemed fit by the Railway.

The successful Tenderer shall be required to execute an agreement with the President of India acting through the Chief Engineer (Construction), Southern Railway for carrying out the work according to the Contract documents in the proforma at **ANNEXURE VIII**.

In the event of any Tenderer whose tender is accepted refuses to execute the contract documents as herein before provided, the Railway may decide that such Tenderer has abandoned the contract and thereupon his tender and the acceptance thereof shall be treated as cancelled and the Railway shall be entitled to forfeit the full amount of the earnest money and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re-tender for that work. The railway reserves the right to impose ban or suspension of business with the contractor and/or impose penalties as deemed fit by the Railway and the contractor shall not have claims whatsoever in this regard.

Every contract shall be complete in respect of the document it shall so constitute. The Contract documents shall include all or any of the documents listed in the definition for 'Contract' updated to the date of issue of tender notice for the work. It should be understood that every endeavor has been made by the Railway to update all the documents and the Tenderer shall take upon himself and provide for the work of any deficiency or error in this regard which may subsequently be discovered and shall make no subsequent claims on account thereof. Not less than 3 (three) copies of the contract documents shall be signed by the competent authority and the Contractor and one copy given to the Contractor.

## **22.0 AWARD OF WORK**

Prior to the expiration of the period of tender validity/extended validity, the Railways shall notify the successful tenderer, in writing, that its Tender has been accepted. The notification letter (hereinafter and in the conditions of contract and contract forms called the "Letter of Acceptance") shall specify the sum that the Railways will pay the contractor in consideration of the execution and completion of the works as prescribed in the Tender Document and as agreed to in the negotiation corrected bid, etc. if any and also as decided by the Acceptance authority in terms of the conditions of the contract.

Until a formal contract is prepared and executed, the 'Letter of Acceptance' shall constitute a binding contract.

## **23.0 SIGNING OF CONTRACT**

Promptly after notification, the Railways shall prepare the contract agreement document and intimate the successful tenderer about the same.

Complete details of names, address and educational qualification proof shall be furnished by Successful tenderer before signing of agreement for the deployment of key personnel as indicated in **Annexure-V**.

**Execution of Contract Document :** Within 7 days of receipt of notice issued by the Railway that such agreement documents are ready, the successful Tenderer whose tender is accepted shall be required to appear in person or if tenderer is a firm or corporation, a duly authorized representative shall appear (there would be no need for appear in person if agreement is signed digitally) and execute the contract agreement within seven days of notice from Railways that the Contract Agreement is ready shall attend the office of the Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 or concerned Deputy Chief Engineer's office for signing the Contract Agreement document. Failure to do so shall constitute a breach of the agreement affected by the acceptance of the tender. The Contract Agreement shall be entered into by Railway only after submission of valid Performance Guarantee by the Contractor. Failure to do so shall constitute a breach of the agreement affected by the acceptance of the tender. In such cases the Railway may determine that such tenderer has abandoned the contract and there upon his tender and acceptance thereof shall be treated as cancelled and the Railway shall be entitled to forfeit the full amount of the Bid Security and other dues payable to the Contractor under this contract. The failed Contractor shall be debarred from participating in the re-tender for that work.

**Form of Contract Document:** Every contract shall be complete in respect of the document it shall so constitute. Not less than 2 copies of the contract document shall be signed by the competent authority and the Contractor and one copy given to the Contractor (there would be no need of signing two copies if agreement is signed digitally).

In case the Joint Venture is the successful bidder, the Joint Venture Agreement should be entered in to, by the Joint Venture Partners before the signing of Contract Agreement document mentioned above. The duly signed Joint Venture Agreement should be submitted along with the Performance Security to the Railways within fifteen days (15) of the receipt of letter of Acceptance.

## **24.0 PERFORMANCE GUARANTEE**

The procedure for obtaining Performance Guarantee is outlined below:

(a) The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(Twenty one) days, i.e. from 22ndday after the date of issue of LOA. Further, if the 60thday happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day.

In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Bid Security and other dues payable to the contractor against that particular contract, subject to maximum of PG amount. In case a tenderer has not submitted Bid Security on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect.

The failed Contractor shall be debarred from participating in re-tender for that work.

- (b) The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 5% of the original contract value:-
- (i) A deposit of Cash;
  - (ii) Irrevocable Bank Guarantee;
  - (iii) Government Securities including State Loan Bonds at 5% below the market value;
  - (iv) Pay Orders and Demand Drafts tendered by any Scheduled Commercial Bank of India;
  - (v) Guarantee Bonds executed or Deposits Receipts tendered by any Scheduled Commercial Bank of India;
  - (vi) Deposit in the Post Office Saving Bank;
  - (vii) Deposit in the National Savings Certificates;
  - (viii) Twelve years National Defence Certificates;
  - (ix) Ten years Defence Deposits;
  - (x) National Defence Bonds and
  - (xi) Unit Trust Certificates at 5% below market value or at the face value whichever is less. Also, FDR in favour of FA&CAO (free from any encumbrance) may be accepted.
- (c) The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the Contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days.
- (d) The value of PG to be submitted by the Contractor is based on original contract value and shall not change due to subsequent variation(s) in the original contract value.
- (e) The Performance Guarantee (PG) shall be released after physical completion of the work based on 'Completion Certificate' issued by the competent authority stating that the Contractor has completed the work in all respects satisfactorily.
- (f) Whenever the contract is rescinded, the Performance Guarantee already submitted for the contract shall be encashed.

- (g) The Engineer shall not make a claim under the Performance Guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
- (i) Failure by the Contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer may claim the full amount of the Performance Guarantee.
  - (ii) Failure by the Contractor to pay President of India any amount due, either as agreed by the Contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Engineer.
  - (iii) The Contract being determined or rescinded under clause 62 of GCC.

**SOUTHERN RAILWAY**  
**Submission Sheet**  
(Tender form first sheet)

Ref. No/Date.....

To

THE PRESIDENT OF INDIA  
Acting Through the  
Chief Administrative Officer / Chief Engineer/  
Deputy Chief Engineer/Executive Engineer (Construction),  
Southern Railway

Name ..... of ..... the  
work:.....  
.....  
.....

Tender Notice No.....Item  
No.....

1. I/We \_\_\_\_\_ have read the conditions of tender attached hereto and agree to abide by such conditions. I/We also agree to keep this offer open for acceptance for a period of **60 days** from the date fixed for closing of the tender and in default thereof I/We will be liable for forfeiture of my/our Bid Security. I/We offer to do the work for Southern Railway at the rates bill(s) of quantities and hereby bind myself/ourselves to complete the work in the stipulated period as mentioned in the contract documents attached from the date of issue of letter of acceptance.
2. I/We also hereby agree to abide by the Indian Railways Standard General Conditions of Contract, with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Standard Schedule of Rates (SSOR) with all correction slips up-to-date for the present contract.
3. A Bid Security of ₹ \_\_\_\_\_ has already been deposited online/ submitted as Bank Guarantee bond. Full value of the Bid Security shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if:
  - (a) I/We do not submit the Performance Guarantee within the time specified in the Tender document;
  - (b) I/We do not execute the contract documents within seven days after receipt of notice issued by the Railway that such documents are ready; and
  - (c) I/We do not commence the work within fifteen days after receipt of orders to that effect.
  - (i) I/We am/are a Startup firm registered by ..... Department of Industrial Policy and Promotion (DIPP) and my registration number is ..... valid upto ..... (Copy enclosed) and hence exempted from submission of Bid Security.
  - (ii) We are a Labour Cooperative Society and our Registration No. is ..... with .....and hence required to deposit only 50% of Bid Security.

The full value of the Bid Security shall stand deposited in case my/our tender is accepted and forfeited without prejudice to any other right or remedies available to the Railway if:

\* Tick as applicable

- a) I/We do not execute the Contract Documents within 7 (seven days) of receipt of information from Railway that such documents are ready;
- I/We do not submit the Performance Guarantee within the time specified in the Tender document;
- b) I/We do not commence the work within 15 (fifteen) days after receipt of Letter of Acceptance for the work duly furnishing a programme for executing the work to the Railway for their approval.
4. I/We agree that until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.
5. **I/We also hereby agree to abide by the General and Special Conditions of Contract and to carry out the works according to the specification of materials and works laid down by Southern Railway in the Tender Documents.** I/We also undertake to carry out the work in accordance with the said Specifications and Conditions of Contract, and to find and provide such of the materials (other than those to be supplied by the Railway) for, and to do all such things which in the opinion of the Engineer may be necessary for, or incidental to the construction, completion and maintenance thereof and to complete the whole of the said works in the tender documents in all respects, and hand them over to you or your representatives within the period specified and to maintain the same for the period and in the manner provided in the Conditions of Contract.
6. **I/We offer to do the above work at the specific rates/percentage rates quoted by me/us in the subject schedule and bind myself/ourselves to complete the work within the completion period specified from the date of issue of letter of acceptance of this tender as per the milestone statement furnished in the scope of work/Letter of Acceptance and as per the agreed programme of work. As the Tenderer/Contractor is expected to adhere to the progress of work as per mile stone statement attached along with this document and in case I/WE fail in achieving the mile stone and programme, I/We understand and agree that the contract is liable to be terminated at my/our fault and cost thereof, apart from penalties for the delays imposed at the discretion of the Engineer-in-Charge.**
7. I/We am/are uploading the following scanned documents as required as per the Tender Documents:-
- a) Partnership Deed 'Joint Venture Agreement' details of consortium of firm (Annexure-III) etc.
  - b) Power of Attorney.
  - c) List of works executed year wise during the last three years along with their values.
  - d) Credentials issued by the Department for whom the work was executed by the tenderer/s (in the appropriate format).
  - e) The documentary evidence from the employer/client showing the contractual amount received OR attested copy of the audited Financial Statements such as Trading, Profit and Loss Account OR Balance Sheet along with the certificate from the Chartered Accountant for the contractual amount received etc.
  - f) Experience Certificate issued by the Department/other as permitted in the Tender Document (as shown in Annexure II).
  - g) List of works on hand, their values and stage of completion (Annexure IV).
  - h) List of engineering personnel employed for the work (Annexure V).
  - i) Details of Plant and Machinery (Annexure VI).
  - j) Reporting of employment of retired Gazetted Officers (Annexure VII).
  - k) Declaration for employing no middle man (Annexure X).
  - l) Standard form of Certificate for eligibility (Annexure XI).
  - m) Bid capacity (Annexure XVII).

8. **DECLARATION:**

I/We, \_\_\_\_\_, declare that

- (a) have examined and have no reservations to the Tender documents, including Addenda/Corrigenda issued by the Railway;
- (b) offer to execute all the Works in conformity with the Tender Documents;
- (c) commit to submit Security Deposit and Performance Guarantee in accordance with the tender Documents, if my/our tender is accepted;
- (d) commit to deploy minimum key personnel and equipments consistent with the stipulation in the relevant special conditions of the Tender Document, if my/our tender is accepted;
- (e) commit to submit a detailed programme in conformity with the milestones and completion period prescribed in the Tender Documents and method statements for all major activities and get these approved from the engineer prior to commencing work on such activities, and also understand that the work shall be executed as per the approved programme and the milestone statements without any deviations if my/our tender is accepted;
- (f) commit to establish Testing Laboratory at the site of work with minimum Testing equipments indicated in the relevant specifications, if my/our tender is accepted;

and further declare that

- (g) I/We am/are not banned from doing business with Railways;
- (h) I/We do not have any partners who are individuals or partners of firms banned from doing business with Railways;
- (i) I/We are not sister concerns/allied partners who were individuals or firms or partners of firms banned from doing business with Railways
- (j) I/We, .....further understand and agree that

- a) if I/We were found during consideration of the tender to be a firm/individual or sister/allied concern or any individual or firms or partner of firms banned by the Ministry of Railways from doing business with Railways and ban is still in force, Bid Security deposit remitted by me/us will be forfeited in full;
- (b) if I/We were found during the course of execution of work to be an individual or firm or partner or firms or sister/allied concern of any individuals or firms banned by the Ministry of Railway from doing business with Railways and the ban is still in force, my/our security deposit and Performance Guarantee will be forfeited in full;
- (c) If I/We are found to be individual or firm or partner of firm or sister/allied concern of any individuals or firms banned by the Ministry of railway from doing business with Railways during the consideration of tender or during the execution of work, I/We are liable to be banned from doing business for further periods to be specified by Railways;
- (d) Further for satisfying the eligibility conditions mentioned in the Tender Documents, I/We have uploaded attested copies of documents along with this tender in support of my/our claim of satisfying eligibility conditions. I/We understand that I/We have to produce the original documents if so demanded by the Railways. I/We understand that if any of the documents were found to be bogus at any stage, my/our Bid Security(before finalisation of tender) and/or security deposit and Performance Guarantee (after awarding work) will be forfeited in full and I/We are liable to be banned from doing business with Railways for any period to be specified by the Railways and also liable for legal proceedings against me/us.

- (e) Further that I/We have uploaded full details of work on hand and progress thereon and I/We understand that if the information furnished by me/us were found to be false, my/our tender is liable to be rejected and Bid Security in full is liable to be forfeited. If it is found to be false at any stage, I/We are liable to be banned from doing business with Railways for any period to be specified by Railways and also liable for legal proceedings against me/us.
- (f) Further I/We declare that I/We have not made any tampering or changes in the Bidding Documents on which the Bid is being submitted and if any tampering or changes are detected at any stage, we understand that the Bid will invite summary rejection and forfeiture of Bid Security / the contract will be liable to be terminated along with forfeiture of security deposit and Performance Guarantee at any stage of progress of the work; and
- (g) Further I/We understand, agree and declare that you (Railway) are not bound to accept the lowest evaluated bid or any other bid that you may receive and I/We have no claim/demand whatsoever in this regard.

**SIGNATURE OF THE TENDERER WITH SEAL**

Name .....

In the capacity of .....

Duly authorized to sign the Bid for and on behalf of .....

Date .....

**SIGNATURE & ADDRESS OF WITNESSES TO THE SIGNATURE OF THE TENDERER(S)**

**WITNESSES :**

1 : Name  
Address

Signature  
Date

2 : Name  
Address

Signature  
Date:



**EXPERIENCE CERTIFICATE**

(Issued for the purpose of quoting tenders of  
Construction Organisation of Southern Railway).

1. Name and Address of the Tenderer/Contractor : M/s.....
2. Type of Firm : Proprietary Firm/Partnership Firm/JV/Others(specify)
3. The relevant details of works under :
  - a) Name of work :
  - b) Agreement No. & Date :
  - c) Date of commencement of work :
  - d) Date of Completion of work :
  - e) Status of Final bill :
  - f) Value of work completed as per last bill :
  - g) Complete Postal address and name of the Organization where work was executed :
  - h) Details of works completed(Item relevant to the tender to be furnished)

Description of work	Value in Rs.
i).Survey work / Soil Investigation	
ii). Earthwork	
iii) Blanketing Work(manual/mechanical to be indicated)	
iv).Bridgework	
a). RCC (including cement and steel)	
b). PSC (including cement and steel)	
c).Composite girder	
d). Pile work(including liner, cement and steel complete)	
v). Ballast (Supply including dumping if any)	
vi). Building works(details of special works to be indicated)	
vii). Structural steel work	
viii).Transportation work	
ix). Permanent way Work.	
x). Level Crossing Work.	
xi) Rail welding work	
xii) Any other work	

Place :

Date:

Deputy Chief Engineer / Railways.  
Executive Engineer / Other Govt. Dept/PSUs.  
(WITH SEAL)

**NOTES**

1. For the purpose of single similar nature of work, the Experience Certificate should be uploaded while submitting this tender as per proforma given in **Annexure II** which can be filled up and signed by the tenderer based on the details furnished in the certificate issued by the Executive, in case the format issued by the Executive is different. The certified copies of relevant Experience Certificate are also to be uploaded.
2. The tenderer shall note that the tender received without the above details are liable to be rejected as they may not satisfy the eligibility requirements correctly and the decision of the Railway is final in this regard.

**CONSTITUTION OF THE FIRM**

1. Full Name of the Contractor/s,  
Construction firm and year of  
Establishment
2. Registered Head Office and  
Address
3. Branch Offices/ in India
4. Address on which correspondence  
regarding this tender should be done

Note : Tenderer may note that the Railway Administration reserves the right to reject the offers received with wrong information or without authenticated details from the tenderers in the above format summarily and the tenderer shall have no claim in this regard.

The information furnished above is correct and complete, to the best of our/my knowledge and belief.

We are/I am aware that if the information furnished above are found to be wrong or incomplete or any relevant information is found to have been suppressed, the tender is liable to be rejected at any stage.

We are/I am aware that if the declarations as above in the tender are found to be not true, any agreement that may be entered into, is also liable to be terminated by the Railway.

**Signature of the tenderer/contractor:**

**Date:**

**Address:**

## **ANNEXURE IV**

### **STATEMENT OF WORKS ON HAND**

Sl. No.	Name of the Organisation	Name of Work	Date of Award	Original dt of completion	Place of work	Value of works	% of Present Financial Progress	Likely dt of completion	Balance commitments for ongoing works

Note: Tenderer may note that the Railway Administration reserves the right to reject the offers received with wrong information or without authenticated details from the tenderers in the above format summarily and the tenderer shall have no claim in this regard.

The information furnished above is correct and complete, to the best of our/my knowledge and belief.

We are/I am aware that if the information furnished above are found to be wrong or incomplete or any relevant information is found to have been suppressed, the tender is liable to be rejected at any stage.

We are/I am aware that if the declarations as above in the tender are found to be not true, any agreement that may be entered into, is also liable to be terminated by the Railway.

**Signature of tenderer/contractor:**

**Date:**

**Address:**

## **ANNEXURE V**

### **LIST OF ENGINEERS/PERSONNEL ALREADY AVAILABLE / PROPOSED TO BE EMPLOYED FOR DEPLOYMENT OF THIS WORK**

Sl. No.	Name & Designation	Qualification	Professional Experience	Organisation with whom working	Date from which the personnel will be available for this work
1.	2.	3.	4.	5.	6.

Note: Tenderer may note that the Railway Administration reserves the right to reject the offers received with wrong information or without authenticated details from the tenderers in the above format summarily and the tenderer shall have no claim in this regard.

The information furnished above is correct and complete, to the best of our/my knowledge and belief.

We are/I am aware that if the information furnished above is found to be wrong or incomplete or any relevant information is found to have been suppressed, the tender is liable to be rejected at any stage.

We are/I am aware that if the declarations as above in the tender are found to be not true, any agreement that may be entered into, is also liable to be terminated by the Railway.

**Signature of tenderer/contractor:**

**Date:**

**Address:**

## **ANNEXURE VI**

### **DETAILS OF MACHINERY TENDERER/CONTRACTOR WANTS TO PURCHASE / HIRE/AVAILABLE FOR THIS WORK**

Sl. No.	Particulars of Equipment	No. of unit	Kind & make/firm from which to be hired	Capacity	Date by which the plant would be available for use on this work
1.	2.	3.	4.	5.	6.

Note: Tenderer may note that the Railway Administration reserves the right to reject the offers received with wrong information or without authenticated details from the tenderers in the above format summarily and the tenderer shall have no claim in this regard.

The information furnished above is correct and complete, to the best of our/my knowledge and belief.

We are/I am aware that if the information furnished above is found to be wrong or incomplete or any relevant information is found to have been suppressed, the tender is liable to be rejected at any stage.

We are/I am aware that if the declarations as above in the tender are found to be not true, any agreement that may be entered into, is also liable to be terminated duly forfeiting Performance Guarantee as well as Security Deposit.

**Signature of tenderer/contractor:**

**Date:**

**Address:**

**FORM FOR REPORTING OF EMPLOYMENT OF RAILWAY OFFICERS**

**Proforma to be filled in and signed by the Tenderer and uploaded  
along with the tender with reference to Clauses of the  
Conditions of Tender**

**Strike out whichever is not applicable**

- I. The undersigned :
- (a) is a retired gazetted officer holding prior to retirement a pensionable/non-pensionable post in Engineering Department of \_\_\_\_\_ Railway.
  - (b) is a partnership firm having as one of its partners a retired Engineer or a retired gazetted officer as aforesaid.
  - (c) is an incorporated company having any such retired Engineer or retired officer as aforesaid, as one of its directors.
  - (d) is having in my employment any retired Engineer or retired gazetted officer as aforesaid.
  - (e) has no such retired Engineer or retired gazetted officer so associated with me as stated above.
- II. If falling under any of the above categories (a) to (d) particulars of the officer may be furnished hereunder :
- (1) Post held before retirement .. \_\_\_\_\_
  - (2) Date of retirement .. \_\_\_\_\_
  - (3) If not retired at least ONE .. \_\_\_\_\_  
YEAR prior to date of  
submission of tender state  
whether permission for  
taking such contracts has  
been obtained from the  
President of India or any  
officer duly authorised  
in this behalf.
- III. If the Tenderer or in the case of a firm or company, any of the shareholders has a relative or relatives employed in gazetted capacity in the Engineering Department of the Railways, particulars of such relatives in the Railway may be furnished hereunder :-
- (1) Name .. \_\_\_\_\_
  - (2) Designation .. \_\_\_\_\_
  - (3) Relationship .. \_\_\_\_\_

Note: Tenderer may note that the Railway Administration reserves the right - to reject the offers received with wrong information or without authenticated details from the tenderers in the above format summarily and the tenderer shall have no claim in this regard.

The information furnished above is correct and complete, to the best of our/my knowledge and belief.

We are/I am aware that if the information furnished above are found to be wrong or incomplete or any relevant information is found to have been suppressed, the tender is liable to be rejected at any stage.

We are/I am aware that if the declarations as above in the tender are found to be not true, any agreement that may be entered into, is also liable to be terminated and duly forfeiting Performance Guarantee as well as Security Deposit.

**Signature of the Tenderer/contractor :**

**Name:**

**Address:**

**Date:**

## ANNEXURE VIII

### FORM FOR AGREEMENT FOR WORKS CONTRACTS

CONTRACT AGREEMENT No. \_\_\_\_\_ dated \_\_\_\_\_

- I. ARTICLES OF AGREEMENT MADE this \_\_\_\_\_ day of \_\_\_\_\_ between the "President of India" acting through the Chief Administrative Officer (Construction) of Southern Railway Administration hereinafter called the "Railway" of the one part and \_\_\_\_\_ hereinafter called the "Contractor" of the other part.
- II. WHEREAS the Contractor has agreed with the Railway for the performance of the work set forth in the Bill(s) of Quantities hereto annexed and in conformity with the Standard General Conditions of Contract, updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents and the specifications for materials and works 1969/Indian Railways Unified Standard Specifications (Works & Materials) 2010 Vol.I & II of the Southern Railway updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents and the applicable Standard Schedule of Rates (SSOR) of Southern Railway updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents and special conditions and special specifications and drawings hereto annexed, if any, and Standard General Conditions of Contract all known as "Contract Documents" AND WHEREAS the performance of the said work is an act in which the public are interested.
- III. AND WHEREAS the Contractor has deposited a sum of Rs. \_\_\_\_\_ towards the Bid Security AND WHEREAS the balance of security deposit after adjustment of Bid Security of Rs. \_\_\_\_\_ originally paid by the contractor is at the instance of the Contractor recovered at **6 (SIX)** per cent of the value of the running bill till all the amount of security deposit of Rs. \_\_\_\_\_ is fully recovered.
- IV. NOW THIS INDENTURE WITNESSTH that in consideration of the payments to be made by the Railway, the Contractor will duly perform the said works in the said Bill(s) of Quantities set forth and shall execute the same with great promptness, care and accuracy in a workmanlike manner to the satisfaction of the Railway and will complete the same in accordance with the said specifications and said drawings and said conditions of contract within the stipulated period as mentioned in the special conditions of contract from the date of issue of letter of acceptance and will maintain the said works as stipulated in the schedule attached from the certified date of their completion and will observe, fulfill and keep all the conditions therein mentioned (which shall be deemed and taken to be part of this contract as if the same had been fully set forth herein), AND the Railway do hereby agree that if the Contractor shall duly perform the said works in the manner aforesaid and observe and keep the said terms and conditions, the Railway will pay or cause to be paid to the Contractor for the said works on the final completion thereof the amount due in respect thereof, at the rates set forth in the annexure XI.
- V. It is hereby agreed and declared that all the provisions of the said specifications, conditions of contract which have been carefully read and understood by the Contractor, and the printed Schedule of Rates including the General and Operating Instructions contained in Pages (vi) to (viii) thereof, shall be binding upon the Contractor and upon the Railway Administration as if the same had been repeated herein and shall be read as part of these presents.
- VI. The cost of stamp duty on the agreement shall be borne by the Railway Administration.

Contractor \_\_\_\_\_ (Signature)

Railway: Designation

Address \_\_\_\_\_ (For President of India)

Date : \_\_\_\_\_

Date : \_\_\_\_\_

Signature of Witness ( to Signature of Contractor) with address

Witnesses:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## **ANNEXURE - IX**

### **~~BANK PARTICULARS REQUIRED TO BE SUBMITTED BY THE TENDERER(S)~~**

- (a) ~~Name of the tenderer/Contractor:~~
- (b) ~~Name of the Bank with address:~~
- (c) ~~SB Account No./Current Account No:~~
- (d) ~~MICR Code of the Bank:  
(For the purpose of releasing  
Payments/dues through EFT/NEFT)~~
- (e) ~~IFSC Code of the Bank:  
(For the purpose of releasing  
Payments/dues through EFT/NEFT)~~
- (f) ~~PAN (Permanent Account No.):~~
- (g) ~~Specimen signature of the contract  
Signing / Executing Authority.~~

**Date :** \_\_\_\_\_

\_\_\_\_\_  
**Signature of Authorised Signatory**



**PROFORMA FOR DECLARATION REGARDING “NO MIDDLEMAN”**

(To be furnished individually by all partners of firm /Joint Venture.)

~~“I hereby declare and commit that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award and performance of this contract. I further declare and commit that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount”.~~

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

\_\_\_\_\_ Name

\_\_\_\_\_ Designation

\_\_\_\_\_ Address

**FORM FOR ACCEPTANCE OF TENDER**

(This is only for guidance. The issuing authority will decide the format and contents based on complete Contract Documents)

No.W.496/

Shri/M/s.....  
.....  
.....  
.....

Sir(s),

Name of work :

Tender Notice No: \_\_\_\_\_ Item No: \_\_\_\_\_  
\* \* \* \* \*

I accept the tender offered by you for the above work and agree to pay the rates as per rates in USSOR -2011 for Division [(i) TVC & PGT (ii) MAS, SA, TPJ & MDU] at the rates at par/enhanced/diminished by \_\_\_\_\_ percent/at par in respect of Annexure 'A' and at the rates as entered in Annexure \_\_\_\_\_ (Items not covered by USSOR-2011) and lump sum rates for item given in Annexure \_\_\_\_\_. Based on these rates the value of contract works out to Rs.

The agreement for the contract for the above work shall be signed by you within 7 days of receipt of notice issued by the Railway that such documents are ready. The Letter of Acceptance is dispatched by registered post with acknowledgement due. This letter of acceptance forms part of the Contract documents governing this contract.

Please acknowledge receipt of this letter.

**Chief Administrative Officer/  
Chief Engineer (Construction)  
for and on behalf of President of India**

Place :

Date :

**WITNESSES :**

1 : Signature

Date :

Name:

Address:

2. Signature

Date

Name:

Address:

**FORMAT FOR CERTIFICATE TO BE SUBMITTED / UPLOADED BY TENDERER  
ALONGWITH THE TENDER DOCUMENTS**

I.....( Name and designation) \*\* appointed as the attorney /  
authorized signatory of the tenderer (including its constituents),

M/s \_\_\_\_\_ (hereinafter called the tenderer) for the purpose of the Tender  
documents for the work of \_\_\_\_\_ as per the tender No of \_\_\_\_\_ (Railway)\*\*, do hereby  
solemnly affirm and state on the behalf of the tenderer including its constituents as under:

1. I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2. I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website [www.ireps.gov.in](http://www.ireps.gov.in) . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6. I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7. I/we certify that I/we the tenderer(s) is / are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF / member of the partnership firm/ LLP / JV / Society/Trust.
8. I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two years. Further, I/we (insert name of the tenderer) \*\* \_\_\_\_\_ and all my/our constituents understand that my/our offer shall be summarily rejected
9. I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two years.

10. I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Place:

Date:

SEAL AND SIGNATURE OF THE TENDERER

**\*\***The contents in Italics are only for guidance purpose. Details as appropriate are to be filled in suitably by tenderer.

**E. New Annexure-V(A), Part I of GCC shall be read as under**

**ANNEXURE-XII (A) or V(A) of GCC**

**Reference -Para 6.1 of ITT**

*(This certificate is to be given by attorney / authorized signatory / each member of Partnership firm/ Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc)*

I/We \_\_\_\_\_ (Name), attorney/authorized signatory of the \_\_\_\_\_ (constituent firm / constituent partner) and member/partner of the \_\_\_\_\_ (tendering firm) hereby solemnly affirm and state as under:

1. I/we certify that . . . . . (constituent firm/constituent partner) is/are not blacklisted or debarred by Railways or any other Ministry/ Department of Govt.. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
2. I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**SEAL AND SIGNATURE  
OF THE CONSTITUENT FIRM / CONSTITUENT PARTNER**

Place :

Dated :

## (Bid Security)

Bank Guarantee Bond from any scheduled commercial bank of India  
(On non-judicial stamp paper, which should be in the name of the Executing Bank).

Name of the Bank: -----

President of India,

Acting through .....,  
..... Railway,

Beneficiary: ..... Railway

Date:.....

Bank Guarantee Bond No.:

Date:-----

In consideration of the President of India acting through----- (Designation & address of Contract Signing Authority), ..... Railway, ....., .... (hereinafter called "The Railway") having invited the bid for \_\_\_\_\_ through Notice inviting tender (NIT) No. \_\_\_\_\_, We have been informed that . . . . . [Insert name of the Bidder]..... (hereinafter called "the Bidder") intends to submit its bid (hereinafter called "the Bid") .

WHEREAS, the Bidder is required to furnish Bid Security for the sum of [Insert required Value of Bid Security], in the form of Bank Guarantee, according to conditions of Bid.

AND

WHEREAS, .....[Insert Name of the Bank], with its Branch .....[Insert address] having its Headquarters office at..... [Insert Address], hereinafter called the Bank, acting through .....[Insert Name and Designation of the authorised persons of the Bank], have, at the request of the Bidder, agreed to give guarantee for Bid Security as hereinafter contained, in favour of the Railway:

1. KNOW ALL MEN that by these present that I/We the undersigned [Insert name(s) of authorized representatives of the Bank], being fully authorized to sign and incur obligations for and on behalf of the Bank, confirm that the Bank, hereby, unconditionally and irrevocably guarantee to pay to the Railway full amount in the sum of [Insert required Value of Bid Security] as above stated.

2. The Bank undertakes to immediately pay on presentation of demand by the Railway any amount up to and including aforementioned full amount without any demur, reservation or recourse. Any such demand made by the Railway on the Bank shall be final, conclusive and binding, absolute and unequivocal on the Bank notwithstanding any disputes raised/ pending before any Court, Tribunal, Arbitration or any Authority or any threatened litigation by the Bidder or Bank.

3. The Bank shall pay the amount as demanded immediately on presentation of the demand by Railway without any reference to the Bidder and without the Railway being required to show grounds or give reasons for its demand of the amount so demanded.

4. The guarantee hereinbefore shall not be affected by any change in the constitution of the Bank or in the constitution of the Bidder.

5. The Bank agrees that no change, addition, modifications to the terms of the Bid document or to any documents, which have been or may be made between the Railway and the Bidder, will in any way absolve the Bank from the liability under this guarantee; and the Bank, hereby, waives any requirement for notice of any such change, addition or modification made by Railway at any time.

6. This guarantee will remain valid and effective from.....[insert date of issue]till .....[insert date, which should be minimum 90 days beyond the expiry of validity of Bid].

Any demand in respect of this Guarantee should reach the Bank within the validity period of Bid Security.

7. The Bank Guarantee is unconditional and irrevocable.

8. The expressions Bank and Railway herein before used shall include their respective successors and assigns.

10. The Bank hereby undertakes not to revoke the guarantee during its currency, except with the previous consent in writing of the Railway. This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No.758.

10. The Bank hereby confirms that it is on the SFMS (Structured Financial messaging System) and shall invariably send the advice of this Bank Guarantee to the following bank details –

IFSC CODE	SBIN000RAIL
IFSC TYPE	BRANCH
BANK NAME	STATE BANK OF INDIA
BRANCH NAME	RAIL
CITY NAME	NAVI MUMBAI
ADDRESS	SECTOR-11, CBD BELAPUR, NAVI MUMBAI
DISTRICT	NAVI MUMBAI
STATE	MAHARASHTRA
BG ENABLED	YES

11. The Guarantee shall be valid in addition to and without prejudice to any other security Guarantee(s) of Bidder in favour of the Railway. The Bank, under this Guarantee, shall be deemed as Principal Debtor of the Railway.

Date ..... ..

Place.....

Bank's Seal and authorized signature(s)

[Name in Block letters] .....

[Designation with Code No.].....

[P/Attorney] No.

Witness:

1 Signature, Name & Address & Seal

2 Signature, Name& address & Seal

Bank's Seal

[P/Attorney]No.

Note: All italicized text is for guidance on how to prepare this bank guarantee and shall be deleted from the final document

## Annexure –XIV

### Reference – Para 5.2 & 12.15.2

Reference -Para 5.2 of Tender Form (Second Sheet) of Annexure I of ITT Each Bidder or each member of a JV must fill in this form separately:

Annual Contractual Turnover Data for the Previous 3/4 Years (Contractual Payment only)			
Year	Amount Currency	Exchange Rate	Indian National Rupee Equivalent
Average Annual Contractual Turnover for last 3 years			

1. The average annual contractual turnover shall be calculated as an average of “total contractual payments” in the previous three financial years. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover.
2. The information supplied shall be substantiated by data in the audited balance sheets and profit and loss accounts for the relevant years in respect of the bidder or all members constituting the bidder.
3. Contents of this form should be certified by a Chartered Accountant duly supported by Audited Balance Sheet duly certified by the Chartered Accountant.

SEAL AND SIGNATURE OF THE BIDDER

Certified that all figures and facts submitted in this form have been furnished after full consideration of all observations/notes in Auditor’s reports.....

(Signature of Chartered Accountant)



# **PART – C**

## **SPECIAL CONDITIONS OF CONTRACT**

### **25.0 PROGRAMME OF WORK**

Immediately on issue of letter of acceptance of this tender, the Contractor should submit a programme of work showing the activities sub-work wise for completing the whole work within the stipulated period of completion with monthly milestones in consultation with the Executive Engineer-in-charge of the work as per the Mile-stone statement furnished in the scope of work/enclosed to this Letter of Acceptance, or as per the agreed programme. Acceptance or otherwise of a revised programme submitted by the contractor to the Railway is purely the discretion of the Engineer and the contractor shall have no claims whatsoever in this regard.

The contractor shall also submit the methodology they/he prefer to use for tackling the important and large items and Milestone Statement.

Non-submission of the programme/methodology as envisaged above will be treated as a failure of the contractor and shall entitle Railway to terminate the contract under Clause 62 of the Standard General Conditions of Contract and/or take action as deemed fit by the Railway.

This is to reiterate that the Railway reserves the right of terminating the contract -at any stage of review of the progress, if the above agreed programme(s) are not adhered to within the margin of 10% as envisaged in Clause 62(1)(viii) of the Standard General Conditions of Contract.

If the contract is terminated due to the failure of contractor, Railway reserves the right to invite one or more tenders for the completion of balance work separately or combined with other similar work.

Railway reserves the right of terminating the contract even if the completion period is expired in the event the contractor has not sought for extension and the Railway has not taken necessary action for terminating the same within the validity period. Also Railway reserve the right to claim damages under clause 62 of Standard General Conditions of Contract in addition to any other rights available to it under the law.

### **26.0 PROJECT MONITORING SYSTEM AND ISSUE OF COMPLETION CERTIFICATE**

#### **I PROJECT MONITORING**

- (i) A system of project monitoring system will have to be introduced by the contractor and the same shall be available at site of work. The work shall be monitored monthly/quarterly basis or as required by the Engineer.
- (ii) The contractor will be required to submit monthly progress report of the work in a computerized form. The progress report shall contain the following apart from whatever else may be required to be specified:
  - a) Introduction, giving a brief scope of the work under the contract and the broad structural or other details.
  - b) Approved programme of work.
  - c) Construction schedule of the various components of the work, through a bar chart for the next three quarters or as may be specified, showing the milestones, targeted tasks and up to date progress.
  - d) Progress chart of the various components of the work that are planned and achieved, for the month as well as cumulative up to the month, with reasons for deviations, if any in a tabular format.
  - e) Plant and Machinery statement, indicating those deployed in the work, and their working status.

- f) Man-power statement.
  - g) Progress photographs, in colour, of the various items/components of the work done up to date, to indicate visually the actual progress of the work.
  - h) Quality assurance and quality control tests conducted during the month, with the results thereof.
  - i) Any hold-up shall be specified. Dispute, if any, shall also be highlighted
- (iii) For effective Project Monitoring, the contractor will be required to install at his cost a Computer along with suitable Software like, MS Project at the site of work.

## **II ISSUE OF COMPLETION CERTIFICATE**

As soon as in the opinion of the Engineer, the work has been completed and has satisfactorily passed any final test or tests that may be prescribed, the Engineer shall issue a certificate of completion duly indicating the date of completion in respect of the work and the period of maintenance of the work shall commence from the date of completion mentioned in such certificate. The certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the Contractor and that there is no due from the Contractor to Railways against the contract concerned.

The Engineer may also issue such a certificate indicating date of completion with respect to any part of the work (before the completion of the whole of work), which has been both completed to the satisfaction of the Engineer and occupied or used by the Railway. When any such certificate is given in respect of part of a work, such part shall be considered as completed and the period of maintenance of such part shall commence from the date of completion mentioned in the completion certificate issued for that part of the work.

## **27.0 SECURITY DEPOSIT**

27.1 The Security Deposit shall be 5% of the contract value. The Bid Security submitted by the contractor will be retained/encashed as part security for the due and faithful fulfillment of the contract by the contractor. Provided further that, if Contractor submits the Cash or Term Deposit Receipt issued from a Scheduled commercial bank of India or irrevocable Bank Guarantee Bond from a Scheduled commercial bank of India, either towards the Full Security Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security, to the Contractor.

Balance of Security Deposit may be deposited by the Contractor before release of first on account bill in cash or Term Deposit Receipt issued from Scheduled commercial bank of India or irrevocable Bank Guarantee bond issued from Scheduled commercial bank of India or may be recovered at the rate of **6 (six) %** of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the Railway may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained (including amount guaranteed through Performance Guarantee) may not exceed 10% of the total value of the contract.

Note: Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by him, for an amount equal to or more than the already available Security Deposit, provided however that, in a contract of value less than Rs. 50 Crore, such refund/ return of the already available Security Deposit is permitted up to two times and in a contract of value equal to or more than Rs. 50 Crore, such refund / return of the already available Security Deposit is permitted up to three times.

Security Deposit will be returned to the contractor after the physical completion of the work as certified by Competent Authority and after the expiry of Maintenance Period and after passing the final bill as certified by the Competent Authority. The Competent Authority shall normally be the authority that is competent to sign the contract. If the Competent Authority is of the rank lower than JA Grade, then a JA Grade Officer (concerned with the work) should issue the certificate. The certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the contractor and there is no due from the contractor to Railways against the contract concerned. Before releasing the SD, an unconditional and unequivocal no claim certificate will be required to be submitted by the contractor concerned.

27.2(i) Refund of Security Deposit: Security Deposit mentioned in sub clause (1) above shall be returned to the Contractor after the following:

- (i) Final Payment of the Contract as per clause 51.(1) of General Condition of Contract and
- (ii) Execution of Final Supplementary Agreement or Certification by Engineer that Railway has No Claim on Contractor and
- (iii) Issue of Maintenance Certificate issued on expiry of the maintenance period as per clause 50.(1) of General Condition of Contract in case applicable.

27.2 (ii) Forfeiture of Security Deposit: Whenever the contract is rescinded as a whole under clause 62 (1) of these conditions the Security Deposit already with railways under the contract shall be forfeited. However, in case the contract is rescinded in part or parts under clause 62 (1) of these conditions, the Security Deposit shall not be forfeited.

(iii) No interest shall be payable upon the Bid Security and Security Deposit or amounts payable to the Contractor under the Contract, but Government Securities deposited in terms of Sub-Clause 16.(4)(b) of THE STANDARD GENERAL CONDITIONS OF CONTRACT will be payable with interest accrued thereon.

**Note:** After the work is physically completed as certified by competent authority, Security Deposit recovered from the running bills of a Contractor can be returned to him, if he so desires, in lieu of Term Deposit Receipt/irrevocable Bank Guarantee for equivalent amount from Scheduled Bank, to be submitted by him.

## **28.0 INCOME TAX AND OTHER TAXES, DUTIES, ROYALTIES, SEIGNORAGES ETC:**

The accepted rates should be deemed to include all taxes direct or indirect including Income Tax leviable under Central/State or Local Bodies Act or Rules.

## **29.0 CESS ON COST OF CONSTRUCTION:**

*Provisions of “The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996” and “The Building and Other Construction Workers’ Welfare Cess Act, 1996”:*

The tenders for carrying out any construction work, shall get themselves registered with the Registering Officer under Section-7 of the Building and Other Construction Workers Welfare cess Act 1996 and rules made thereto by the concerned State Govt., and submit certificate of Registration issued from the Registering Officer of the concerned State Govt. (Labour Dept.) The Cess shall be deducted from contractor’s bills as per provisions of the Act.

## **30.0 GST**

Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in clause-37 of the GCC for the completion of works to the entire satisfaction of the Engineer.

Tenderers will examine the various provisions of The Central Goods and Services Tax Act, 2017 (CGST)/Integrated Goods and Services Tax Act, 2017 (IGST)/Union Territory Goods and Services Tax Act, 2017 (UTGST)/respective state's State Goods and Services Tax Act (SGST) also, as notified by Central/State Govt & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.

The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act, shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to Railway immediately after the award of contract, without which no payment shall be released to the Contractor. The Contractor shall be responsible for deposition of applicable GST to the concerned authority.

In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the Railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.

### **31.0 OTHER TAXES AND DUTY**

The accepted rates should be deemed to include all taxes/duties direct or indirect including Income Tax leviable under Central/State or Local Bodies Act or Rules

### **32.0 STUDY OF DRAWINGS AND LOCAL CONDITIONS**

The drawings for the works can be seen in the office of the Chief Administrative Officer, Construction, Southern Railway, E.V.R. High Road, Egmore, Chennai-600 008 and in the office of field Dy. Chief Engineer's office. It should be noted that these drawings are meant for general guidance only and the Railway may suitably modify them during the execution of work according to the circumstances without making the Railways liable for any claims on account of such changes.

The Engineering descriptions in the approved drawings normally govern the executions. However, for effecting payment, the description of items in the schedule is final and governing the contract. If there is any variation between the description in the tender and the detailed plans, the Engineer-in-Charge will operate the correct description and his decision is final and binding on the tenderer/contractor

The Tenderer/Contractor is required to inspect the sites of works and acquaint himself with the site conditions, availability of approaches for transporting of men and materials, land, space and other factors relating to the works, availability of labour, electricity and water, etc., before quoting his rates. The extent of lead and lift involved in the execution of works and any difficulties involved in the execution of work should also be examined before formulating the rates for complete items of works described in the schedule. The Tender submitted will be deemed to have been made after such inspection. Subsequent claims on non-availability of approach, land/space etc. shall not be entertained.

### **33.0 DRAWINGS FOR WORKS**

The percentage rates for the schedule items and itemised rates for the non-scheduled items quoted by the tenderer as may be accepted by the Railways will, hold good irrespective of any changes, modifications, alterations, additions, omissions in the locations of structures and detailed drawings, specifications and/or the manner of executing the work.

It should be specifically noted that some of the detailed drawings may not have been finalized by the Railway and will, therefore, be supplied to the contractor as and when they are required and demanded for work. No compensation whatsoever on this account shall be payable by the Railway Administration. However, standardized arrangements only will be used in the drawings following industry practice as regard to designs and the contractor is at liberty to check the same at the time of tendering.

No claim whatsoever will be entertained by the Railway on account of any delay or hold up of the works arising out of delay in approval of drawings, changes, modifications, alterations, additions, omission and the site layout plans or detailed drawings and design and/or late supply of such material as are required to be arranged by the Railway or due to any other factor on Railway Accounts.

### **34.0 SERVICE LANDS AND ROADS**

The Railway does not undertake to provide any service lands or roads for the movement of the contractor's vehicles or for providing labour/camp shed and site offices. It is the responsibility of the contractor to arrange all service lands, roads etc., at his own cost for efficient and effective working of the contract. The Railway shall not compensate the contractor for any such cost involved. The contractor can however make use of the service roads, where they exist free of charge. However, the railway shall not undertake to maintain them and the contractor shall maintain them at his own cost. In other places, the contractor should make his own arrangements for the movement of the vehicles and no extra rate shall be paid for this. The Railway reserves the right to make use of the roads formed and maintained by the contractor, as and when necessary, without any payment to the contractor.

In the event of the contractor forming the service roads where Railway land is not available or cannot be given by the Railway for this purpose, it shall be clearly noted that the contractor shall make his own arrangements for obtaining the required land and the Railway shall not take any responsibility in

this respect. Subsequent claims raised on account of non-availability of land/space, approach, etc. for doing the work in delay or additional or enhanced cost shall not be entertained. Railway does not take any responsibility for contractor using private land or any other land.

### **35.0 SETTING OUT OF WORKS**

The Contractor shall be responsible for the true and proper setting out of the works for correctness of the position, level, dimensions and alignment of all parts of the work and for provisions of all necessary pegs, reference pillars, instruments, equipments and appliances and labour in connection therewith. If at any time during the progress of the work, any error shall appear or arise in the position of levels, dimensions or alignments at any part of the works, the Contractor on being required to do so by the Engineer-in-charge shall at his own expense rectify such errors to the satisfaction of the Engineer-in-charge and he shall carefully protect, preserve, secure all bench marks, site rails, pegs, reference pillars and other things used in setting out of the works.

The Contractor shall have sufficient number of survey instruments such as theodolites, leveling instruments, leveling staff etc., and arrange to set out the alignment at his cost and also establish necessary reference pillars as required and directed by the Engineer. He must set out the location of piers and abutments.

The Contractor must establish sufficient number of bench marks at close intervals as directed by the Engineer-in-charge and take cross sections at specified intervals in the presence of the Engineer or his representative which shall be jointly signed. Necessary level books will be supplied by the Railway for recording these levels. The Earthwork/ cross sections based on these will be plotted in graph sheets by the Contractor and submitted to the Railway along with the relevant level books and calculations for the quantities of earthwork for necessary check and approval.

The Contractor must take up the work only after submitting the level books, cross section sheets, quantities and after these are finally approved by the Engineer-in-charge. Similarly on completion of the work, necessary cross sections must be taken, plotted in the sheets and the quantity worked out and submitted to the Railway for verification and checking. No extra payment would be made for this and the rates for earthwork are deemed to be inclusive of this.

No separate payment will be made for site clearance or jungle clearance or shrub clearance, brush wood, grass and other obstructions including small trees of girth not exceeding 30cm., either in connection with cuttings or banks or bridges etc. and the rates accepted in this contract are deemed to include all such costs except dismantlement of structure if any which will be paid for suitably under BSR.

### **36.0 REGARDING OBSTRUCTIONS**

Any obstructions such as service lines, water pipe lines, cables, sewerages etc., met with during the progress of the work shall immediately be reported to the Engineer-in-charge. The contractor shall make necessary arrangements for removal of such obstructions.

If the existing mains are affected during excavation of foundations, Temporary/Permanent arrangements for maintaining continuous flow though the sewer/water mains will have to be made by the Contractor, with the approval of the Engineer, duly realigning the sewer/water mains, underground cables, etc. Extra cost if any required will be decided by negotiating rates or shall be got done through separate agencies.

The works shall be carried out without any interference to the normal working of the Railway track and structures.

The Contractor shall be responsible for any loss/damage to Railway and public property or third party's property. If it occurs during the course of execution, the Railway reserves its right to have the damages made good by the Contractor.

The contractor must ensure the safety of labourers engaged by him during the course of execution of work and/or while crossing the track and the Railway will not be responsible for any injury or loss including life in any unfortunate event, sustained by the labourer or for any fatal accident and the Contractor should bear all the loss and expenditure involved including any compensation payable under the laws of the land.

The safety of the moving traffic and public in the area of work shall also be at the sole risk and responsibility of the contractor who shall take maximum care to safeguard them from any eventualities arising from, out of and during the course of the work.

Further, the contractor shall indemnify the Railway in respect thereof, irrespective of the scheme of work approved by the Railways and contractors are fully responsible for the consequences in the case of incidents/accidents occur at the site of work.

### **37.0 WATER SUPPLY**

Special attention of the tenderer/contractor is drawn to Clause 31(1 to 3) of the Standard General Conditions of Contract on Supply of Railway water for the works. The Contractor has to make necessary arrangements for supply of potable water at his own cost for concreting, curing and for any other use. If however, Railway's surplus water supply is available in Railway vicinity and if the Contractor requests the Railway, the Railway to supply water, at its sole discretion may agree to provide the same on terms and conditions as may be agreed upon between the Railway and the Contractor. Chemical analysis of water and other ingredients shall be done from time to time as desired by the Engineer-in-charge at the cost of the Contractor. If the contractor uses Railway water unauthorisedly, penal charges as determined by the Railway shall be levied.

### **38.0 ELECTRIC SUPPLY**

Special attention of the contractor is drawn to Clause 31(4) of the Standard General Conditions of Contract on Supply of Railway electric power for the works. Railways do not guarantee supply of electricity to any of the Contractor's works. The Contractor shall make his own arrangements at his cost, for the supply of electricity for the works. If however Railway's electricity is available in the vicinity and if the Contractor requests for the same and if the same are to be provided due to compelling circumstances, the Railways at its sole discretion may agree to provide the same on terms and conditions as per the rates in force and as may be agreed upon between the Railway and the Contractor. If the contractor uses Railway electric power unauthorisedly, penal charges as determined by the Railway shall be levied.

### **39.0 MATERIAL, TOOLS & PLANTS**

The materials that are to be supplied and used for the work by the Contractor should be got approved by the Engineer-in-charge before use / procurement.

Contractor should make his own arrangements for the required vehicles, earthwork machinery (such as poclain, dozers, scrappers, plants & blasters, hammers, excavators dumpers/tippers, vibrators, tractors), concreting machinery (such as batching plants, loading/unloading machinery), cranes, lorries, etc., and other tools and plants, machinery like earth work compacting equipment, equipment for testing soils, etc., for the expeditious progress of work and operate them at his own cost with his men and consumable stores and ensure their availability in working condition during the works. The plant and machinery indicated under relevant special conditions are absolutely minimum and essential for the work. If the plant and machinery are not available in working condition during the progress of work, Railway Administration reserves the right to terminate the work at the cost and responsibility of the Tenderer /contractor at any stage or to impose penalty at the discretion of the Engineer in charge and the tenderer/contractor shall have no claim whatsoever in this regard.

### **40.0 ANTI LARVAL TREATMENT**

The Contractor shall be responsible for anti-larval work at his cost during progress of works as may be prescribed by the Engineer on the advice of the Railway Medical Authority and where the use of insecticides is involved, it shall be made in accordance with the provision of the Act and Rules in this behalf, at the cost of the Contractor, who shall also be solely responsible for any acts or omissions under the provision of the aforesaid rules.

#### **41.0 DISPOSAL OF SURPLUS EXCAVATED MATERIALS**

The Contractor shall at all time keep the site free from all surplus earth, surplus materials and all rubbish which shall arise from the works and should dispose off the surplus excavated materials as ordered by the Engineer-in-charge failing which it will be done at the cost of the Contractor and cost will be deducted from his dues.

The Contractor shall within 15 days of completion of entire works remove all unused surplus materials tools and plants staging and refuge or other materials produced by his operations and shall leave the site in a clear and tidy conditions as per THE STANDARD GENERAL CONDITIONS OF CONTRACT 40(2).

#### **42.0 DISMANTLING OPERATIONS**

Dismantling operations are to be carried out at the sole risk and liability of the Contractor. The Contractor shall take due care to ensure that during dismantling, released materials, debris etc., do not fall down and cause any obstruction to the running track/overhead electric traction or injury to the staff or labourers.

Released materials and other debris of dismantling should be removed and stacked at places as directed by the Engineer-in-Charge and no extra lead or lift shall be paid on this account.

All materials shall be stacked sufficiently clear of the tracks and shall remain without any possibility of infringing the minimum fixed structure dimensions. Materials shall also not be unloaded or stacked over signal wires, cables or other gear or any such items to avoid interference to the existing running lines.

Environment Forest and Climate Change dated 29.03.2016 and published in the Gazette of India, Part – II, Section -3, Sub-section (ii) are binding upon the Contractor. Contractor shall implement these provisions at worksites, for which no extra payment will be payable.

#### **43.0 EMERGENCY WORK**

In the event of any accident or failure occurring in or around the work or arising out of or in connection with the construction, completion or maintenance of the work which in the opinion of the Engineer require immediate attention, the Railway may with its own workmen or any other agency execute or partly execute the necessary work or carry out repairs if the Engineer considers that the contractor is not in a position to do so in time and charge the cost thereof, as to be determined by the Chief Engineer/Construction to the contractor.

In the event of any accidents/ natural calamities, Railway reserves its right to draft the vehicles and Plant & Machinery of contractors to attend to the emergencies. Hire charges and other costs will be determined by the Engineer-in-charge.

#### **44.0 WORKING DURING NIGHT**

The Contractor shall not carry out any work between sun-set and sun-rise without the previous permission of the Engineer. However, if the Engineer is satisfied that the work is not likely to be completed in time except by resorting to night work, he may order the same without confirming any right on the Contractor for claiming any extra payment for the same.

#### **45.0 TRANSPORTATION OF MATERIALS**

Handing over of materials to Contractor or his nominated representative will be on vouchers and the materials thus issued are to be accounted for by the Contractor and he shall be held responsible for any shortages or breakages till the materials are taken over by the Engineer's representative at the destinations.

Contractor's special attention is drawn to the "Indian Railways Unified Standard Specifications (Works & Materials) 2010 Vol.I & II" of the Engineering department.

The Unloading and stacking time will be restricted, if there are goods/special trains running on the section to be crossed during unloading of Rails or any other materials and the Tenderer/Contractor is required to attend to the work within the available restricted time and no claims will be admitted on this account.

While handling the Materials such as Rails or any other materials care should be taken by the contractor not to break or damage the edges or ends of the Rails and if any damage or breakage occurs to the Ty. Girders/Bridge slabs during handling, the contractor shall be solely responsible for the same and the cost of such damage/breakage will be recovered from the contractor.

Special care should be taken while unloading and handling rails as enumerated below:

- (i) Unloading of Rail panels/rails should be done from end unloading rakes with chute arrangements or by engaging cranes as prescribed by the Engineer.
- (ii) Rails after being unloaded should be kept to rest on foot and not on sides.

All precautions to ensure safety of workmen must be taken while leading, unloading, stacking and also while leading the materials by road, traffic rules should be strictly followed and the Contractor should indemnify the Railway against any claim due to accidents and unforeseen incidents.

No extra payment will be made for lift / descent while loading, unloading and stacking of the materials.

#### **46.0 CROSSING OF TRACK**

The rate quoted by the tenderer shall be inclusive of any additional labour etc., for leading the material across the running track and no extra wage shall be paid for the same.

All materials shall be stacked sufficiently clear of track and shall remain without any possibility of any infringing the minimum fixed structure dimension Materials shall also not be unloaded or stacked over signal wire, cables, or other gears or any such items to avoid infringement to the existing running track. Machineries and working of machineries shall also not infringe minimum fixed schedule of dimension at any stage or working and restrictions imposed in electrified territory.

The Contractor will also be held responsible for any accident, loss or damage or detention of trains caused due to any lapses on the part of the contractor during the course of work, as observed and decided by the Railway.

Necessary caution order/line block will be arranged by the Railway with the request of the contractor where inevitable.

#### **47.0 UNFORESEEN ITEMS OF WORKS**

In the course of work, any unforeseen item of work, not already covered by the accepted schedule of rates is required to be executed, the same shall be executed by the contractor at the rates set forth in the Unified Standard Schedule of Rates modified by the tender percentage. Where such items are not contained in the Unified Standard Schedule of Rates the rates for the same shall be fixed by mutual agreement, as prescribed in Clause No. 39 of THE STANDARD GENERAL CONDITIONS OF CONTRACT.

#### **48.0 MAINTAINING RECORD OF CONSTRUCTION WORK**

The contractor shall maintain accurate, plans and charts showing the dates and progress of all main operations and the Engineer shall have access to this information at all reasonable times. Records of tests made shall be handed over to the Engineer's representative after carrying out the tests.

**The following registers will be maintained at site by the contractor:**

- i. **Site Order Register :**

The contractor shall promptly sign orders given therein by the Engineer or his representative or his superior officers and comply with them. The contractor to the Engineer shall report the compliance in good time so that it can be checked.



ii. **Cement Register:**

This register will be maintained to record daily receipt and issue of cement, thus indicating the balance quantity. The quantum of work done for the cement issued on particular date will also be mentioned.

iii. **Steel Register:**

This register will be maintained to record the receipts of steel items and details of reinforcement and members wherever steel is used.

iv. **Labour Register:**

This register will be maintained to show daily strength of labour in different categories employed by the contractor.

v. **Plant and machinery Register**

This register will record daily particulars of machinery with the contractor and will be signed jointly by the Engineer's representative and the contractor

vi. **Log book of events**

vii **Compaction Register**

viii. **Soil samples Test Register.**

ix. **Other registers ordered by the Engineer**

#### **49.0 DEPLOYMENT OF GRADUATE ENGINEERS AND DIPLOMA HOLDERS**

In terms of provision of new Clause 26.A to the Standard General Conditions of Contract Contractor shall also employ following Qualified Engineers during execution of the allotted works:

- a. One Graduate Engineer when cost of the work to be executed is Rs.200 lakhs and above.  
And
- b. One qualified diploma holder when cost of the work to be executed is more-than Rs.25 lakhs but less than Rs.200 lakhs.

Contractor should also maintain a site office at his own cost where he or his authorized representative would be available for taking instructions and discussions. In addition, technical staff should be available at site whenever required by the Engineer-in-charge to take instructions. In case the Contractor fails to employ the technical staff as aforesaid, he shall be liable to pay an amount of Rs.40000/- (Rupees Forty Thousand only) in case of Graduate Engineer and Rs.25000/- (Rupees Twenty Five Thousand only) in case of Diploma holder, for each month of default period or part thereof for the default period. Diploma for this purpose includes Diploma in Railway Engineering awarded by IPWE(India) for track related works).

In case of track linking works, the contractor should also engage a Retired Permanent Way Mate (technical) or above grade to supervise track linking works till completion of maintenance period. In case, contractor fails to employ the above said staff, he shall be liable to pay an amount of Rs.10,000 (Rupees Ten Thousand) each month for the period of default.

The decision of the Engineer-in-charge as to the period for which the required technical staff is to be employed by the contractor and as to the reasonableness of the amount to be deducted on this account shall be final and binding on the Contractor.

#### **50.0 CONTRACT LABOUR & SAFETY**

Workers Compensation Act, Labour Welfare Act and other relevant acts of the land including Bonded Labour System (Abolition) Ordinance 1975 would apply to the present contract. The Contractor shall duly observe the provisions thereof.

The contractor must ensure the safety of labourer engaged by him during the course of execution of work and/or while crossing the track. The railway will not be responsible for any injury sustained by the labourer or for any fatal accident and the contractor should bear all the loss and the expenditure involved.

The contractor will have to make his own arrangement for a sharp look out for train approaching the work spot and warning the labour working on the track sufficiently in advance.

Railway land, if available, may be allotted to the contractor for the erection of camp sheds, site office, labs, casting yards, fabrication yards etc., on such terms and conditions that may be prescribed by the Railway. All camp sites shall be maintained in clean and sanitary conditions by the contractor at his own cost.

## **51.0 PROVISIONS OF EMPLOYEES PROVIDENT FUND AND MISCELLANEOUS PROVISIONS ACT 1952**

The Contract shall comply with the provisions of Para 30 and 36-B of the Employees Provident Fund Scheme, 1952: Para 3 and 4 of Employees Pension Scheme, 1995: and para 7 and 8 of Employees Deposit Linked Insurance Scheme, 1976: as modified from time to time, wherever applicable and shall also indemnify the Railway from and against any claims under the aforesaid Act and the Rules.

## **52.0 PRECAUTION TO BE TAKEN WHILE PLYING OF VEHICLES ADJACENT TO RUNNING LINES TO PREVENT ACCIDENT TO TRAINS.**

No Contractor's lorries or road vehicles shall be operated so as to affect the safety of trains. They should work well outside the moving dimensions.

All locations, where construction activity is in progress adjacent to existing railway lines, should be cordoned off with proper barricades. The most vulnerable locations shall be barricaded with rail barricades projecting at least 1m above the ground. At all other locations, barricades of not less than 1.5m height, consisting of bamboo/casuarinas poles and supported horizontally by similar bamboo/casuarinas poles should be provided. These barricades should be provided at a distance of approximately 3.5m from the centre line of track as directed by the Engineer-in-charge. Contractors will be paid separately for this barricading as per relevant items for in Tender Schedule. Most vulnerable locations will be where the visibility for the train driver is poor, where the curvature of the track is very sharp or any other location as decided by the Engineer-in-charge.

All the barricades are to be painted or stuck on with red luminous paint/strips at suitable intervals on the barricades.

The entry to new banks, which run alongside the existing track, should be protected by barriers, which can be closed and opened whenever necessary. No extra payment will be made for providing these barriers and contractor's rates should be inclusive of the same.

Barriers shall also be provided by the Contractor in the case of doublings, particularly at the existing level crossings where there is every possibility of Road vehicles entering the finished formation. These barriers are to be opened only for the movement of Railway contractors' authorised vehicle or other Railway Vehicles. No extra payment will be made for this and Contractor's rates should be inclusive of the same.

Road vehicles employed by the contractor should have the certificate for its road -worthiness and each vehicle numbered and the license particulars maintained. Contractors should ensure that the drivers permitted by them to work on such road vehicles are identified, counseled, certified and are provided with photo Identity Cards.

Wherever the work requires the movement of road vehicle within a distance of 3.5 to 6 m from the centerline of the nearest track, such work shall be done only in the presence of Railway employees authorised by the Engineer-in-charge.

The driver of the vehicle shall always face the track. When reversing the vehicle and whenever he cannot face the track, for whatever reason, he shall be invariably assisted by a helper with a whistle who should guide him and ensure safety.

All work sites shall be supervised by the contractor's representative as also a representative of the Railway Organisation. Whenever work of plying road vehicle within 6 m zone is actually in progress, Look-out men should invariably be available. Lookout men will have to be provided by the contractor, from out of the list of persons who are authorised to carry out these duties. Authorisation will be issued to the individuals, by the representative of the Engineer-in-charge. One Railway's supervisor will monitor the availability and alertness of the lookout men. In case of non-availability of lookout men, this Railway's supervisor shall stop further activities of plying of road vehicles. Even if no work is executed in the night, Lookout men shall patrol the beat as identified by the representative of the construction organisation to ensure the safety of the running trains, especially from any infringement.

Representative of the Engineer-in-charge of the Construction organisation will be responsible for the general superintendence and deployment of lookout men and supervisors at each work site.

Working alongside the track during night hours is normally prohibited. Such work can be done in the night only with the written permission of the Engineer-in-charge of the construction activity. Where night work is permitted, lighting of the work site as required should be done.

The Contractor shall execute a Bond undertaking to ply the road vehicles in a safe and satisfactory manner and strictly in accordance with the stipulations and other conditions specified by the Engineer and to engage and retain only the permit holder to be the contractor's agent in charge of the vehicle while driving or at rest. The person in charge of the vehicles and the attendants shall, at all times, be vigilant and on the lookout for signals from the lookout men, flagmen or other personnel available at site with a view to stop or regulate the road movement so as to ensure adequate margin of safety for the timely passage of an approaching train or a Railway engine, without any delay or detention.

The Contractor shall also be bound by the provisions of this agreement to ply the road vehicles only with adequate margin of safety, well clear of the fixed structure profile of infringements, as stipulated in the rules made under the Indian Railways Act and to seek and be guided by the signals and other directions of any look out men or other personnel retained for the purpose of ensuring safety and to ensure extra care and vigilance while turning, reversing or moving the road vehicles in any other manner at an inclination to the running railway track or the siding as the case may be. The contractor shall employ necessary look out men also at his own cost, irrespective of any other arrangement that railway may make in this regard.

Any breach of these conditions by the Contractor and/or his agents affecting the safety of movement of trains, engines, or other rolling stock of the Railway, shall constitute a breach of contract by the Contractor entailing liability for termination of contract for default on the part of the contractor.

The Contractor shall be fully responsible for ensuring safety at all times and shall bear the cost of all damages in cases of accidents/unusual occurrences resulting in damages to Railway property and passengers.

### **53.0 PENALTY DUE TO UNSAFE WORK**

The contractor shall at all times be responsible for any damage or trespass committed by his agents and workmen in carrying out the work.

In the event of accident at the work site, on account of contractor's negligence or the negligence of his men, penalty as deemed fit by the Railway up to an upper limit of the 10% of the total cost of the work shall be imposed on the contractor and recovered from his bills. The decision of Engineer-in-charge in this regard shall be final and binding on the Contractor and he shall have no claims in this regard.

Railway administration reserve in the interest of public safety, the right to terminate the contract with immediate effect if the contractor is found responsible for causing an accident, without giving any further notice/notices to the contractor.

In the event of contractor not completing the work or leaving it unsafe at the end of the day's work, on account of which a speed restriction has to be imposed, the track shall be attended to immediately at the contractor's cost without any further notice. In addition to the labour cost recoverable from the contractor, supervision charges @ 12.5% and train detention charges @ Rs.2000/- every half hour or part thereof shall be recovered.

In the event of contractor starting the job without proper supervision, causing an accident, he may be prosecuted under Railway Act for unlawfully interfering with the Railway track and the contractor should bear the actual losses, compensation with damages to the Railway property. In additional penalty of Rs.20,000/- for every such case shall be leviable on the contractor.

#### **54.0 HIRING OF RAILWAY PLANT, MACHINERY ETC.**

The Railway not being bound for supply of any plant and machinery whatsoever to the contractor may, if the circumstances permit, give to the contractor on hire for use in execution of the work and such plant and machinery as are available, provided the contractor applies for them and gives in writing his acceptance of the rate and terms of hire charges. The plant and machinery will be normally made over at the nearest construction stores depot and they will have to be transported at the contractor's cost to the work spot and returned to the same construction depot after the work is over.

If the Railway make arrangements to supply plants and machinery, tools, materials, etc., the same will be given on hire basis to the Contractors/s on such terms and conditions as may be prescribed by the Railways and incorporated in Special agreement. The Hire and Staff charges for operational and maintenance of plants will be fixed as per the Railway rules, terms and conditions as prevailing at the time of hire.

As regards plant and machinery, the period of hire of the plant and machinery will be from the date of their handing over to the contractor to the date of their return by the contractor, both days inclusive except for the days the plant remains out of order for reasons beyond the control of the contractor or stops for periodical overhauling as certified by the Engineer-in-charge, in both cases. The contractor is entirely responsible for the safety and proper upkeep of such machinery and plant while in his custody.

Where the Railway is satisfied that the contractor has got the requisite organisation for operation and maintenance of these plants, the hire terms would exclude the consumable stores, operation charges, repair charges, etc., in which case the contractor shall undertake to do these things himself at his own cost in addition to the rates and terms of hire already specified.

Where the Railway is not satisfied with the contractor's ability to maintain and operate the plant, the charges payable to the railway shall include the cost of consumable stores and operation charges, repair charges, etc. in addition to the normal hire charges.

Railway may give on hire to the contractor such materials as rails, steel cribs and released B.G./M.G. wooden sleepers, if available and if required for the work, for use in execution of the work at the nearest Construction Stores Depot or wherever available, provided the contractor applies for them and give in writing his acceptance of the rate in terms of hire charges. The Railway will consider the request only when the materials demanded are actually required and ready for actual use for which they are demanded. Contractor shall take over and transport the same to the site of work all at his cost and also take all reasonable care of such materials including insuring the same if any at his cost and shall be responsible for all damages or losses if occur at any stage till the same is handed over back.

The contractor shall sign accountable receipt for such plant & machinery/materials made over to him by the Engineer and on completion of the work shall hand over the same to the Engineer at the same Construction Depot in good order, fair wear and tear excepted, and shall be responsible for any failure to account for the same or any damage thereto.

As regards materials given to the contractors, the hire charges as fixed by the Railway Administration for various materials will be based in terms of the market rates/railway rules on that date of hire and shall be final and binding on the Tenderer/ Contractor. The hire charges shall be recovered from the date of issue till the actual return of materials subject to exclusion of number of days of idling on Rly's account, like non-availability/ delay in traffic block, caution order, detailed drawings and CRS's sanction etc., For this purpose, a Log Book shall be maintained at site which shall be signed by Railway's representative. The decision of the Railway's Engineer as to the exact period of hire is final and the contractor shall not have any claims in this regard.

The extent of recovery towards compensation for the loss or wear or damage to the materials/machinery and plant other than fair wear and tear, shall be decided upon by the Railway, depending upon the merits of each case and the decision of the Engineer shall be conclusive and final.

In case materials/tools and plant / plant and machinery issued to the contractor, issued on hire or supply, are not returned in perfectly good condition, after completion/termination of the contract, the recovery will be effected at 1.5 times the current cost of procurement inclusive of freight for the same and such recovery will be effected from any of the contractor's dues such as running bills, final bill, PG, SD etc. at any stage and the contractor is solely responsible for the same. The contractor shall return all the materials within 15 days of completion of work or from the date of deemed by the Engineer and the contractor shall have no claims whatsoever in this regard.

#### **55.0 CONTRACTORS RESPONSIBILITIES FOR RAILWAY MATERIALS, TEMPORARY WORKS AND MATERIALS, ETC:**

The contractor shall be bound to store his own material/materials issued by the Railways including P. way materials for the work at the place earmarked for this purpose by the Engineer-in-charge, away from the running racks without infringing track parameters, with proper locking arrangement and watch, for material wherever required so that the materials are neither misused by miscreants nor cause any physical harm to Public/employees. The contractor shall at his own expense provide suitable temporary shed/sheds for this purpose and shall remove the shed/sheds when no longer required in terms of Clause 30 of Standard General Conditions of Contract. Safeguarding of the materials is the responsibility of the contractor even if the materials is deemed to be owned by the Railway and insurance etc., have been arranged by the contractor.

The contractor shall from time to time, provide at his own cost all dams, coffer dams, earthen ramps, embankments and all other temporary work of whatever nature and temporary materials necessary for the construction, completion and maintenance of works which are the subject of the contract and shall from time to time submit for the information of the Engineer drawings showing the details the type and construction of the temporary dams, coffer dams, bridges, embankments and other works which he propose to adopt and employ them and during the progress of the works he shall if so directed by the Engineer, furnish particulars and drawings of any other temporary works and details or any other temporary materials in use or contemplated to be used by him.

He shall be entirely responsible for the sufficiency, security and safety of all dams, coffer dams, bridges, embankments, temporary railway connections and other temporary works or temporary materials which he may construct and/or employ and for all claims for damages to property or injury to persons arising out any failure or accident to such dams, coffer dams, bridges, embankments or other temporary works, or temporary materials from whatever cause such damage, injury, failure or accident may arise or happen and shall replace, construct, repair and maintain, the whole of such dams, coffer dams, bridges, embankment or other temporary works or temporary materials till such time they are certified by the Engineer to be no longer required for the purpose of this contract.

The contractor shall before handing over the works or part thereof to the Railway dismantle and remove all temporary works and temporary materials, but such removal shall not be effected without the previous written approval of the Engineer and the contractor shall comply with the directions (if any) given by him as to the method or removal and/or disposal.

#### **56.0 NOTICE TO PUBLIC BODIES**

The contractor(s) shall give to the Municipality, Police and other authorities, all notices that may be required by law and obtain all requisition licenses for temporary obstructions, enclosures and pay all fees, taxes and charges, which may be leviable on account of his operations in executing the contract. He should make good any damage to adjoining premises whether public or private and supply and maintain any lights etc., required at night.

#### **57.0 SUPPLY OF MATERIALS BY THE CONTRACTORS**

Materials used in the work by the contractor shall conform to the Indian Railways Unified Standard Specifications (Works & Materials) 2010 Vol.I & II and/or the relevant BIS/I.R.S specifications, and/or those approved by the Engineer-in-charge before utilizing them on works.

It should be clearly understood that the tendered rates include additional costs involved due to all wastages and unforeseen expenditures in doing the work and no extra rate/quantity shall be payable over and above the actual quantities used in the work. No extra payments or damage cost etc. is also payable for any damages/losses due to wash away due to rains, storms, floods or any other cause whatsoever.

No loading, unloading, lead, lift, stacking, octroi, sales tax, toll tax, royalty or any other charges will be paid for the materials, tools and plants and tools arranged and brought by the contractor to the site of work.

## **57.1. STAGE PAYMENT FOR STRUCTURAL STEEL:**

### **STAGE PAYMENT SCHEDULE**

Sl. No.	Description of Stage completed	% Payment to be released
1	Receipt of Structural steel at site/Workshop	40%
2	Fabrication & Transporting to site	20%
3	Assembling and Erection/Launching	25%
4	Satisfactory Completion of work in all respects	15%

The following conditions shall be strictly adhered to :-

- (i) Stage payment for Supply of Structural Steel is applicable for all Contracts involving Supply & Fabrication of Structural Steel.
- (ii) (a) In case of Contracts of value upto Rs.15 Crores, Stage payment will be made on submission of irrevocable Bank Guarantee, covering the respective stage amount. The Bank Guarantee shall be valid up to the period covering the actual use of steel in the work.
- (ii) (b) In case of Contracts value more than Rs.15 crores, Stage payment will be made on submission of Indemnity Bond in the prescribed format covering the respective stage amount, with validity upto the period covering the actual use of steel in the work, duly vesting the ownership of the steel with the Railways.
- (iii) The quantity of Structural steel shall be brought to the workshop/site only in such installments that would facilitate smooth progress of work and consumed in a reasonable time. However, the supply shall be restricted 30% of the schedule quantity at any point of time, unless otherwise specifically ordered by the Engineer-in-charge and further payment for this quantity will be eligible only after previous supply is used.
- (iv) Structural Steel shall be delivered at Workshop/Site and properly stored in measurable stacks at Contractor's cost and protected against damage, deterioration, theft etc. to the satisfaction of Engineer-in-charge.
- (v) Proper accountal in the Materials Register is to be maintained in the prescribed Format at the site for the Receipts and use of steel.
- (vi) The Contractor shall insure the steel at his own cost in favour of Railways against theft damages etc.
- (vii) Price Variation Claim for Structural Steel would continue to be governed as per the extant Price Variation Clause and with reference to the delivery at site.
- (viii) All Materials received shall be inspected by the Nominated Inspecting Authority and payment shall be made only after satisfactory passing of stipulated tests as per Specifications/Codal Provisions and production of the relevant Test certificates as required.

Stage Payment for supply of steel will be made as per the tender conditions. No other stage payment is eligible in this contract, unless specifically provided for in the schedule items.

## **58.0 PERIOD OF COMPLETION**

The works are required to be completed within the time period stipulated in the Tender Notice for the work. The work is deemed to commence from the date of issue of letter of acceptance. Time is the essence of the contract. The contractor/s will be required to maintain speedy and required progress to the satisfaction of the Engineer to ensure that the work will be completed in all respects within the stipulated period.

Railway Administration in terms of Clause 17 and or Clause 62 of the Standard General Conditions of Contract. The Railway reserves the right to impose, in case of slow/tardy/non-commensurate progress of work, lucere/other penalty at the rates as deemed fit by the Railway/Engineer, with a view to make the contractor realize delays being caused by him, in the interest of speedy completion of the work of putting the asset to public use and the contractor shall have no claim in the regard. Appeal if any on the rate of penalty, will solely lie with the Chief Engineer incharge of the project/work.

Extension of Time with Liquidated Damages (LD) for delay due to Contractor: The Clause 17(B) and Standard General Conditions of Contract provides for recovery of assessed/liquidated damages from the contractor for delay in completion of work. However, while granting the extension to the currency of contract under clause 17(B) of Standard General Conditions of Contract, the Competent Authority may also consider levy of token penalty as deemed fit based on the merit of the case as provided in THE STANDARD GENERAL CONDITIONS OF CONTRACT.

17 C Bonus for Early Completion of Work: In open tenders having advertised value more than Rs.50 crore and original period of completion 12 months or more, when there is no reduction in original scope of work by more than 10%, and no extension granted on either railway or Contractor's account, Contractor shall be entitled for a bonus of 1% for each 30 days early completion of work. The period of less than 30 days shall be ignored while working out bonus. The maximum bonus shall be limited to 5% of original contract value. The completion date shall be reckoned as the date of issuance of completion certificate by Engineer.

## **59.0 MAINTENANCE PERIOD**

<b>Sl. No.</b>	<b>Description of Works</b>	<b>Period Of Maintenance after completion certificate is issued</b>
1.	Construction of new Buildings, Bridges, Platforms, Shelters etc.,	3 months
2.	Repairs to Buildings, Bridges	1 month
3.	Track laying works – Manual/Machine	2 months
4.	Track maintenance works	1 month
5.	Major earth work	6 months or 1 monsoon
6.	Repairs to formation, formation treatment, Cuttings and banks, Cess repairs	2 months

## **60.0 MAINTENANCE CERTIFICATE**

The Contract shall not be considered as completed until a Maintenance Certificate shall have been signed by the Engineer stating that the works have been completed and maintained to his satisfaction. The Maintenance Certificate shall be given by the Engineer upon the expiration of the period of maintenance or as soon thereafter as any works ordered during such period pursuant to Sub Clause (2) to Clause 48 of Standard General Conditions of Contract shall have been completed to the satisfaction of the Engineer, and full effect shall be given to this Clause notwithstanding the taking possession of or using the works or any part thereof by the Railway.

The Competent Authority to issue above Maintenance Certificate shall normally be the authority who is competent to sign the contract. If this Competent Authority is of the rank lower than JA Grade, then a JA Grade Officer (concerned with the work) should issue the certificate. The certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the Contractor and that there is no due from the Contractor to Railways against the contract concerned

## **61.0 FINAL PAYMENT**

Final Payment: On the Engineer's certificate of completion in respect of the works, adjustment shall be made and the balance of account based on the Engineer or the Engineer's representative's certified measurements or Engineer's certified "contractor's authorized engineer's measurements" of the total quantity of work executed by the Contractor upto the date of completion and on the rates accepted in Bill(s) of Quantities and for extra works on rates determined under Clause 39 of these Conditions shall be paid to the Contractor subject always to any deduction which may be made under these presents and further subject to the Contractor having signed delivered to the Engineer enclosing either a full account in detail of all claims he may have on the Railway in respect of the works or having delivered No Claim Certificate and the Engineer having

after the receipt of such account given a certificate in writing that such claims are not covered under excepted matter i.e. Clauses 7(j), 8, 18, 22(5), 39.1, 39.2, 40A, 43(2), 45(i)(a), 55, 55-A(5), 57, 57A, 61(1), 61(2) and 62(1), 63(iv) and 63.2.11 of the Standard General Conditions of Contract or in any Clause (stated as excepted matter) of the Special Conditions of the Contract, that the whole of the works to be done under the provisions of the Contracts have been completed, that they have been inspected by him since their completion and found to be in good and substantial order, that all properties, works and things, removed, disturbed or injured in consequence of the works have been properly replaced and made good and all expenses and demands incurred by or made upon the Railway for or in the respect of damage or loss by from or in consequence of the works, have been satisfied agreeably and in conformity with the contract.

## **62.0 VARIATIONS IN EXTENT OF CONTRACT**

**Modification to Contract to be in Writing:** In the event of any of the provisions of the contract required to be modified after the contract documents have been signed, the modifications shall be made in writing and signed by the Railway and the Contractor and no work shall proceed under such modifications until this has been done. Any verbal or written arrangement abandoning, modifying, extending, reducing or supplementing the contract or any of the terms thereof shall be deemed conditional and shall not be binding on the Railway unless and until the same is incorporated in a formal instrument and signed by the Railway and the Contractor, and till then the Railway shall have the right to repudiate such arrangements.

**Powers of Modification to Contract:** The Engineer on behalf of the Railway shall be entitled by order in writing to enlarge or extend, diminish or reduce the works or make any alterations in their design, character position, site, quantities, dimensions or in the method of their execution or in the combination and use of materials for the execution thereof or to order any additional work to be done or any works not to be done and the Contractor will not be entitled, to any compensation for any increase/reduction in the quantities of work but will be paid only for the actual amount of work done and for approved materials supplied against a specific order.

- (i) Unless otherwise specified in the special conditions of the contract, the accepted variation in quantity of each individual item of the contract would be upto 25% of the quantity originally contracted, except in case of foundation work. (in which no variation limit shall apply). However, the rates for the increased quantities shall be as per sub- para (iii) below.
- (ii) The Contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever upto the limit of 25% variation in quantity of individual item of works.
- (iii) In case an increase in quantity of an individual item by more than 25% of the agreement quantity is considered unavoidable, then same shall be executed at following rates
  - (a) Quantities operated in excess of 125% but upto 140% of the agreement quantity of the concerned item, shall be paid at 98% of the rate awarded for that item in that particular tender;
  - (b) Quantities operated in excess of 140% but upto 150% of the agreement quantity of the concerned item shall be paid at 96% of the rate awarded for that item in that particular tender;
  - (c) Variation in quantities of individual items beyond 150% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.
  - (d) Variation to quantities of Minor Value Item:
 

The limit for varying quantities for minor value items shall be 100% (as against 25% prescribed for other items). A minor value item for this purpose is defined as an item whose original agreement value is less than 1 % of the total original agreement value.

    - d.(i) Quantities operated upto and including 100% of the agreement quantity of the concerned minor value item, shall be paid at the rate awarded for that item in that particular tender;
    - d.(ii) Quantities operated in excess of 100% but upto 200% of the agreement quantity of the concerned minor value item, shall be paid at 98% of the rate awarded for that item in that particular tender;
    - d.(iii) Variation in quantities of individual minor value item beyond 200% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.
- (iv) In case of earthwork, the variation limit of 25% shall apply to the gross quantity of earthwork items and variation in the quantities of individual classifications of soil shall not be subject to this limit.



- (v) As far as Standard Schedule of Rates (SSOR) items are concerned, the variation limit of 25% would apply to the value of SSOR schedule(s) as a whole and not on individual SSOR items. However, in case of Non Standard Schedule of Rates (SSOR), the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate).

**Valuation of Variations:** The enlargements, extensions, diminution, reduction, alterations or additions referred to in Sub-Clause (2) of this Clause shall in no degree affect the validity of the contract; but shall be performed by the Contractor as provided therein and be subject to the same conditions, stipulations and obligations as if they had been originally and expressively included and provided for in the Specifications and Drawings and the amounts to be paid there for shall be calculated in accordance with the accepted Bill(s) of Quantities. Any extra items/quantities of work falling outside the purview of the provisions of Sub-Clause (2) above shall be paid for at the rates determined under Clause-39 of THE STANDARD GENERAL CONDITIONS OF CONTRACT.

### **63.0 VITIATION DURING VARIATION IN CONTRACT QUANTITIES**

As a result of variations, a contract shall be considered “vitiating” only when, the following percentage variation in contract value between tenderers are noticed to have been exceeded.

Sl. No.	Value of contract	Percentage difference between present contractor and new L-1 as a result of variation. (Percentage shall be calculated with base as the revised contract quantities multiplied by the rates of the present contractor)
1	Small value contracts (Tender value less than Rs.50 lakhs)	10
2	Other than small value contracts (Tender value equal to or more than Rs.50 lakh)	5

In the event of Vitiating occurring due to increase or decrease in quantities among the first, second and third lowest valid tenderers, the vitiating shall be to contractor’s account. The total value of the work done shall be calculated at the rate offered by those tenderers and the amount payable shall be limited to the lowest aggregate value as worked out.

Vitiating as above shall be worked out as a whole for Agreement including all variations in quantities.

The above shall be regulated as under:

- The case shall be decided by the tender accepting authority (Competent for the revised quantity) and shall not be treated as a case of single tender.
- These instruction will be similarly to earning contracts with H-1,H-2, substituted for L-1,L-2 and so on.
- Vitiating should always be computed with respect to items, rates, quantities as available at the time of tender opening and subsequent changes/additions by way of new items will not be counted for computed vitiating.

### **64.0 PRICE VARIATION CLAUSE (PVC):**

64.1 Applicability: Price Variation Clause (PVC) shall be applicable only in tender having advertised value above Rs. 2 Crores. Provided further that, in a contract where PVC is applicable, following shall be outside the purview of price adjustments (i.e. shall be excluded from the gross value of the work for the purpose of price variation) :

- Materials supplied by Railway to the Contractors, either free or at fixed rate;
- Any extra item(s) included in subsequent variation falling outside the purview of the Bill(s) of Quantities of tender, under clause 39. (1)(b) of these Standard General Conditions, unless applicability of PVC and ‘Base Month’ has been specially agreed, while fixing the rates of such extra item(s).

64.2 Base Month: The Base Month for ‘Price Variation Clause’ shall be taken as the one month prior to closing of tender, unless otherwise stated elsewhere. The quarter for applicability of PVC shall commence from the month following the Base month. The Price Variation shall be based on the average Price Index of the quarter under consideration.

64.3 Validity: Rates accepted by Railway Administration shall hold good till completion of work and no additional individual claim shall be admissible except:

- (a) Payment/recovery for increase/decrease in GST on works contract or imposition/removal of any tax/cess on Works Contract as per Clause 37 of Standard General Conditions of Contract,  
(b) Payment/recovery for overall market situation as per Price Variation Clause given hereunder.

64.4 Components of various items in a contract on which variation in prices be admissible, shall be steel, cement, ferrous material, non-ferrous material, insulators, zinc and other materials, labour, plant & machinery, fuel, explosives, detonators etc. Adjustment for variation in prices of these items shall be determined in the manner prescribed.

64.5 No price variation shall be admissible for fixed components.

64.6 The percentages of various components in various type of works shall be as specified for all item (s)/ Bill(s) of Quantities in tender document and the same shall be fixed as per table & classifications given below:

**(I). For Civil Engineering Works**

S N	Classification		1A, 2 & 3A	4A	5A	6A	7	8A	9A	1B, 3B, 4B, 5B, 6B 8B & 9B	1C, 3C, 4C, 5C, 6C, 8C, & 9C	3D, 4D, 5D, 6D, 8D&9D	3E, 4E, 5E, 6E, 8E&9E
	Components												
1	Fixed	*	15	15	15	15	15	15	15	15	15	15	15
2	Labour	L <sub>c</sub>	20	25	30	20	50	20	20	0	0	10	25
3	Steel	S <sub>c</sub>	0	0	0	0	0	0	0	85	0	50	0
4	Cement	C <sub>c</sub>	0	0	15	0	0	0	0	0	85	0	0
5	Plant Machinery & Spares	PM <sub>c</sub>	30	15	5	20	15	20	30	0	0	10	30
6	Fuel & Lubricants	F <sub>c</sub>	25	15	5	15	15	20	15	0	0	10	20
7	Other materials	M <sub>c</sub>	10	15	30	30	5	25	20	0	0	5	10
8	Detonators & Explosive	E <sub>c</sub>	0	15	0	0	0	0	0	0	0	0	0
Total			100	100	100	100	100	100	100	100	100	100	100

It shall not be considered for any price variation.

The classification mentioned in the table above represents following type of item(s) in the work(s) –

- 1 Earthwork in Formation
  - 1A All Item(s) excluding 1B or/and 1C
  - 1B Item(s) for supply of Steel
  - 1C Item(s) for supply of Cement
- 2 Ballast Supply Works
- 3 Tunnelling Works (Without Explosives)
  - 3A All Item(s) excluding 3B or/and 3C or/and 3D or/and 3E
  - 3B Item(s) for supply of Steel
  - 3C Item(s) for supply of Cement or/and Grout
  - 3D Item(s) for Fabrication & Erection of Structures including supply of Steel
  - 3E Item(s) for Fabrication & Erection of Structures excluding supply of Steel.

- 4 Tunnelling Works (With explosives)
  - 4A All Item(s) excluding 4B or/and 4C or/and 4D or/and 4E
  - 4B Item(s) for supply of Steel
  - 4C Item(s) for supply of Cement or/and Grout
  - 4D Item(s) for Fabrication & Erection of Structures including supply of Steel
  - 4E Item(s) for Fabrication & Erection of Structures excluding supply of Steel.
- 5 Building Works
  - 5A All Item(s) excluding 5B or/and 5C or/and 5D or/and 5E
  - 5B Item(s) for supply of Steel
  - 5C Item(s) for supply of Cement
  - 5D Item(s) for Fabrication & Erection of Structures including supply of Steel
  - 5E Item(s) for Fabrication & Erection of Structures excluding supply of Steel.
- 6 Bridges & Protection work
  - 6A All Item(s) excluding 6B or/and 6C or/and 6D or/and 6E
  - 6B Item(s) for supply of Steel
  - 6C Item(s) for supply of Cement
  - 6D Item(s) for Fabrication, Assembly, Erection& Launching of Girders including supply of Steel
  - 6E Item(s) for Fabrication, Assembly, Erection & Launching of Girders excluding supply of Steel
- 7 Permanent Way linking
- 8 Platform, Passenger Amenities
  - 8A All Item(s) excluding 8B or/and 8C or/and 8D or/and 8E
  - 8B Item(s) for supply of Steel item/fittings
  - 8C Item(s) for supply of Cement Item
  - 8D Item(s) for Fabrication & Erection of Structures including supply of Steel
  - 8E Item(s) for Fabrication & Erection of Structures excluding supply of Steel
- 9 Any Other Works not covered in Classification 1 to 8
  - 9A All Item(s) excluding 9B or/and 9C or/and 9D or/and 9E
  - 9B Item(s) for supply of Steel
  - 9C Item(s) for supply of Cement or/and Grout
  - 9D Item(s) for Fabrication & Erection of Structures including supply of Steel
  - 9E Item(s) for Fabrication & Erection of Structures excluding supply of Steel

64.7 Formulae: The Amount of variation in prices in various components (labour, material etc.) shall be worked out by the following formulae:

$$(i) \quad L = \frac{(W \text{ or } W_S \text{ or } W_C \text{ or } W_{SF} \text{ or } W_F \text{ or } W_{SFL} \text{ or } W_{FL}) \times (L_Q - L_B) \times L_C}{L_B \times 100}$$

$$(ii) \quad M = \frac{(W \text{ or } W_{SF} \text{ or } W_F \text{ or } W_{SFL} \text{ or } W_{FL}) \times (M_Q - M_B) \times M_C}{M_B \times 100}$$

$$(iii) \quad F = \frac{(W \text{ or } W_S \text{ or } W_C \text{ or } W_{SF} \text{ or } W_F \text{ or } W_{SFL} \text{ or } W_{FL}) \times (F_Q - F_B) \times F_C}{F_B \times 100}$$

$$(iv) \quad E = \frac{(W \text{ or } W_S \text{ or } W_C \text{ or } W_{SF} \text{ or } W_F \text{ or } W_{SFL} \text{ or } W_{FL}) \times (E_Q - E_B) \times E_C}{E_B \times 100}$$

$$E_B \times 100$$

$$(v) PM = \frac{(W \text{ or } W_S \text{ or } W_C \text{ or } W_{SF} \text{ or } W_F \text{ or } W_{SFL} \text{ or } W_{FL}) \times (PM_Q - PM_B) \times PM_C}{PM_B \times 100}$$

$$(vi) S = \frac{(W \text{ or } W_S \text{ or } W_{SF}) \times (S_Q - S_B) \times S_C}{S_B \times 100}$$

$$(vii) C = \frac{(W \text{ or } W_C) \times (C_Q - C_B) \times C_C}{C_B \times 100}$$

(II) For Railway Electrification Works:

$$(viii) T = [0.4136 \times (C_Q - C_B) / C_B] \times 85$$

$$(ix) R = [0.94 \times (R_T - R_O) / R_O + 0.06 \times (Z_T - Z_O) / Z_O] \times 85$$

$$(x) N = [(P_T - P_O) / P_O] \times 85$$

$$(xi) I = [(I_T - I_O) / I_O] \times 85$$

$$(xii) G = [(M_Q - M_B) / M_B] \times 85$$

$$(xiii) Er = [(L_Q - L_B) / L_B] \times 85$$

Where,

L	Amount of price variation in Labour
M	Amount of price variation in Materials
F	Amount of price variation in Fuel
E	Amount of price variation in Explosives
PM	Amount of price variation in Plant, Machinery and Spares
S	Amount of price variation in Steel Supply Item
C	Amount of price variation in Cement Supply Item
T	Percentage variation payable on the gross value of bill of Concreting (Bill(s) of Quantities for concrete items)
R	Percentage variation payable on the gross value of bill of Ferrous Items (Bill(s) of Quantities for ferrous items)
N	Percentage variation payable on the gross value of bill of Non-Ferrous Items (Bill(s) of Quantities for non-ferrous items)
I	Percentage variation payable on the gross value of bill of Insulator (Bill(s) of Quantities for Insulator items)
G	Percentage variation payable on the gross value of bill of General Works (Bill(s) of Quantities for General items)
Er	Percentage variation payable on the gross value of erection (Bill(s) of Quantities for Erection Item)
L <sub>C</sub>	% of Labour Component in the item(s)
M <sub>C</sub>	% of Material Component in the item(s)
F <sub>C</sub>	% of Fuel Component in the item(s)
E <sub>C</sub>	% of Explosive Component in the item(s)

PM <sub>C</sub>	% of Plant, Machinery and Spares Component in the item(s)
S <sub>C</sub>	% of Steel Supply item Component in the item(s)
C <sub>C</sub>	% of Cement Supply item Component in the item(s)
W	Gross value of work done by Contractor as per on-account bill(s) excluding the Gross value of work under W <sub>S</sub> or/and W <sub>C</sub> or/and W <sub>SF</sub> or/and W <sub>F</sub> or/and W <sub>SFL</sub> or/and W <sub>FL</sub> and cost of materials supplied by Railway either free or at fixed rate,
W <sub>S</sub>	Gross value of work done by Contractor for item(s) of supply of steel.
W <sub>C</sub>	Gross value of work done by Contractor for item(s) of supply of cement and /or supply of grout material.
W <sub>SF</sub>	Gross value of work done by Contractor for item(s) of Fabrication & Erection of Structures including supply of Steel.
W <sub>F</sub>	Gross value of work done by Contractor for Fabrication & Erection of Structures excluding supply of Steel.
W <sub>SFL</sub>	Gross value of work done by Contractor for item(s) of Fabrication, Assembly, Erection / Launching of Girders including supply of Steel.
W <sub>FL</sub>	Gross value of work done by Contractor for item(s) of Fabrication, Assembly, Erection / Launching of Girders excluding supply of Steel.
L <sub>B</sub>	Consumer Price Index for Industrial Workers - All India: Published in R.B.I. Bulletin for the base period
L <sub>Q</sub>	Consumer Price Index for Industrial Workers - All India: Published in R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
M <sub>B</sub>	Wholesale Price Index: All commodities – as published in the R.B.I. Bulletin for the base period
M <sub>Q</sub>	Wholesale Price Index: All commodities – as published in the R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
F <sub>B</sub>	The average of official prices of Diesel available on the official website of ‘Petroleum Planning and Analysis cell’ under Ministry of Petroleum and Natural Gas for Delhi, Kolkata, Mumbai & Chennai, for the base period
F <sub>Q</sub>	The average of official prices of Diesel available on the official website of ‘Petroleum Planning and Analysis cell’ under Ministry of Petroleum and Natural Gas for Delhi, Kolkata, Mumbai & Chennai, for the 3 months of the quarter under consideration
E <sub>B</sub>	Index number of Monthly Whole Sale Price Index for the category ‘Explosive’ of (g). Manufacture of other chemical products under (J) MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS, published by Office of Economic Adviser, Govt. of India, Ministry of Commerce & Industry, Department of Industrial Policy & Promotion (DIPP), for the base period.
E <sub>Q</sub>	Index number of Monthly Whole Sale Price Index for the category ‘Explosive’ of (g). Manufacture of other chemical products under (J) MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS, published by Office of Economic Adviser, Govt. of India, Govt. of India, Ministry of Commerce & Industry, Department of Industrial Policy & Promotion (DIPP), for the average price index of 3 months of the quarter under consideration.
PM <sub>B</sub>	Index Number of Wholesale Prices in India by Groups and Sub Groups (Averages) for ‘Manufacture of machinery for mining, quarrying and construction’– published in RBI (Reserve Bank of India) Bulletin, for the base period.

PM <sub>Q</sub>	Index Number of Wholesale Prices in India by Groups and Sub Groups (Averages) for ‘Manufacture of machinery for mining, quarrying and construction’– published in RBI (Reserve Bank of India) Bulletin, for the average price index of 3 months of the quarter under consideration.
S <sub>B</sub>	The average rate provided by the Joint Plant Committee for the relevant category of steel item as mentioned in Clause 46A.9; for the base period.
S <sub>Q</sub>	The average rate provided by the Joint Plant Committee for the relevant category of steel item as mentioned in Clause 46A.9; for the 3 months of the quarter under consideration.
C <sub>B</sub>	Index No. of Wholesale Price Index of sub-group Cement, Lime & Plaster as published in RBI Bulletin for the base period
C <sub>Q</sub>	No. of Wholesale Price Index of sub-group Cement, Lime & Plaster as published in RBI Bulletin for the average price index of the 3 months of the quarter under consideration
R <sub>T</sub>	IEEMA price index for Steel Blooms (size 150mmx150mm) for the month which is two months prior to date of inspection of material.
R <sub>O</sub>	IEEMA price index for Steel Blooms (size 150mmx150mm)for the month which is one month prior to date of opening of tender.
P <sub>T</sub>	IEEMA price index for Copper wire rods for the month which is two months prior to date of inspection of material.
P <sub>O</sub>	IEEMA price index for Copper wire rods for the month which is one month prior to date of opening of tender.
Z <sub>T</sub>	IEEMA price index for Zinc for the month which is two months prior to date of inspection of material
Z <sub>O</sub>	IEEMA price index for Zinc for the month which is one month prior to date of opening of tender
I <sub>T</sub>	RBI wholesale price index for the sub-group “Insulators” for the month which is two months prior to date of inspection of material
I <sub>O</sub>	RBI wholesale price index for the sub-group “Insulators” for the month which is one month prior to date of opening of tender

64.8 The demands for escalation of cost shall be allowed on the basis of provisional indices as mentioned above in Clause 46A.7. Any adjustment needed to be done based on the finally published indices shall be made as and when they become available.

64.9: (1) Relevant categories of steel for the purpose of operating Price Variation formula as mentioned in this Clause shall be as under:

SL	Classification	Rates to be used for calculating S <sub>Q</sub> or S <sub>B</sub>
1.	Reinforcement bars and other rounds	Average of per tonne rates of 10mm dia TMT & 25mm dia TMT; confirming IS 1786; Fe 500
2.	All types and sizes of angles, channels and joists	Average of per tonne rates of ‘Angle 75x75x6mm, Mild Steel Plate 10mm thickness and Channel 150x75mm; confirming IS2062, E250 Gr “A”
3.	All types and sizes of plates	Average of per tonne rates of ‘MS Plates 10mm thickness and 25mm thickness; confirming IS2062, E250 Gr “A”
4.	Any other section of steel not covered in the above categories	Average of price for the 3 categories covered under SL 1, 2 & 3 in this table.

(2). Relevant city for referring “JPC (Joint Plant Committee)” rates of steel items (SQ /SB) in different Zonal Railways shall be as under :

SL	City	Railway
1.	Delhi	Northern , North Central, North Eastern, North Western
2.	Kolkata	Eastern, East Central, East Coast, Northeast Frontier, South Eastern, Southeast Central
3.	Mumbai	Central, Western, West Central
4.	Chennai	Southern, South Central & South Western

## **65.0 PRICE VARIATION DURING EXTENDED PERIOD OF CONTRACT**

The price adjustment as worked out above, i.e. either increase or decrease shall be applicable upto the stipulated date of completion of work including the extended period of completion where such extension has been granted under Clause 17A of the Standard General Conditions of Contract. However, where extension of time has been granted due to Contractor’s failure under Clause 17B of the Standard General Conditions of Contract, price adjustment shall be done as follows:

- a. In case the indices increase above the indices applicable to the last month of original completion period or the extended period under Clause 17A, the price adjustment for the period of extension granted under Clause 17B shall be limited to the amount payable as per the Indices applicable to the last month of the original completion period or the extended period under Clause 17A of the Standard General Conditions of Contract; as the case may be.
- b. In case the indices fall below the indices applicable to the last month of original/ extended period of completion under Clause 17A, as the case may be; then the lower indices shall be adopted for the price adjustment for the period of extension under Clause 17B of the Standard General Conditions of Contract.

## **66.0 LETTER OF CREDIT AS MODE OF PAYMENT IN WORKS TENDERS OR SERVICE TENDERS**

In case tenderer opts for payment through LC, following shall be the procedure to deal release of payment through LC:

- a) The LC shall be a sight LC
- b) The Contractor shall select his Advising/Negotiating bank of LC. The incidental cost towards issue of LC and its operation thereof shall be borne by the Contractor.
- c) SBI, New Delhi Main branch will be the nodal branch for issue of LCs based on online requests received from Railway accounts units for tenders opened in financial year 2018-19. SBI branches where the respective Railway Accounts office has its account (local SBI branch) will be the issuance/reimbursing branch for LC issued under this arrangement. The Bank shall remain same for this tender till completion of contract. The incidental cost @ 0.15% per annum of LC value, towards issue of LC and operation thereof shall be borne by the contractor and shall be recovered from his bills.
- d) The LC shall be opened initially for duration of 180 to 365 days in consultation with contractor. The LC shall be extended time to time as per the progress of the contract, on the request of the contractor. The value of LC to be opened initially as well as extended thereafter shall be finalized by the engineer in consultation with the contractor on the basis of expected progress of work.
- e) The LC terms and conditions shall inter-alia indemnify and save harmless the Railway from and against all losses, claims and demands of every nature and description brought or recovered against the Railways by reason of any act or omission of the contractor, his agents or employees, in relation to the Letter of Credit (LC). All sums payable/borne by Railways on this account shall be considered as reasonable compensation and paid by contractor.
- f) The LC terms and conditions shall inter-alia provide that Railways will issue a Document of Authorization as per the format prescribed by Railway Board after passing the bill for completed work, to enable contractor to claim the authorized amount from their bank.
- g) The acceptable, agreed upon document for payments to be released under the LC shall be the Document of Authorization.
- h) The Document of Authorization shall be issued by Railway Accounts office against each bill passed by Railways.

- i) On issuance of Document of Authorization, a copy of Document of Authorization shall be posted on IREPS for download by the contractor. A digitally signed copy of document of authorization shall also be sent by Railway Accounts Office to Railway's bank (Local SBI Branch)
- j) The contractor shall take print out of the Document of Authorization available on IREPS and present his claim to his bank (advising Bank) for necessary payments as per LC terms and conditions. The claim shall comprise of copy of Document of Authorization, bill of exchange and Bill.
- k) The payment against LC shall be subject to verification from Railway's Bank (Local SBI Branch)
- l) The contractor's bank (advising bank) shall submit the documents to the Railway's Bank (Local SBI Branch)
- m) The Railway's bank (issuing bank) shall, after verifying the claim so received with reference to the digitally signed Document or Authorization received from Railway Accounts Office, release the payment to contractor's bank (advising bank) for crediting the same to contractor's account.
- n) Any number of bills can be dealt within one LC, provided the sum total of payments to contractor is within the amount for which LC has been opened.
- o) The LC shall be closed after the release of final payment including PVC amount, if any, to the contractor.
- p) The release of performance guarantee or security deposit shall be dealt directly by railway with the contractor i.e. not through LC.

For opening of LC, executive department shall make a request letter to concerned Accounts Department as per the format prescribed by Railway Board.

## **67.0 UPDATION OF LABOUR DATA ON RAILWAY'S SHRAMIKKALYAN PORTAL BY CONTRACTOR**

- A** Contractor is to abide by the provisions of Payment of Wages act & minimum wages act in terms of clause 54 and 55 of General Condition of Contract. In order to ensure the same an application has been developed and hosted on website '[www.shramikkalyan.indianrailways.gov.in](http://www.shramikkalyan.indianrailways.gov.in)' Contractor shall register his firm/company etc and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration/update of Portal shall be done as under:
- (a) Contractor shall apply one time registration of his company/form etc in the Shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request.
  - (b) Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all LoAs issued in his favour.
  - (c) The Contractor once registered on the portal shall provide details of his Letter of Acceptance (LoA)/Contract Agreements on shramikkalyan portal within 15days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by Contractor within 7 days of receipt of such request.
  - (d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis.
  - (e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period.
- B** While processing payment of any 'On Account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee/Security deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's Shramikkalyan portal at '[www.shramikkalyan.indianrailways.gov.in](http://www.shramikkalyan.indianrailways.gov.in)' till -----Month----- --Year"

## **68.0 KNOWLEDGE OF SAFETY RULES**

The contractor's executives/supervisors should have adequate knowledge of safety rules while working adjacent to Railway line. If necessary the contractor will be asked to nominate the supervisors



for any training which is organized by the Railways and the expenditure towards training will be borne by the Contractor.

## **69.0 INDEMNITY BY CONTRACTORS :**

The Contractor shall indemnify and save harmless the Railway from and against all actions, suit, proceedings, losses, costs, damages, charges, claims and demands of every nature and description brought or recovered against the Railways by reason of any act or omission of the Contractor, his agents or employees, in the execution of the works or in his guarding of the same. All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

## **70.0 DETERMINATION OF CONTRACT: (The Standard General Conditions of Contract 2022 CLAUSE REPRODUCED BELOW)**

**61.(1) Right of Railway to Determine the Contract:** The Railway shall be entitled to determine and terminate the contract at any time should, in the Railway's opinion, the cessation of work becomes necessary owing to paucity of funds or from any other cause whatever, in which case the value of approved materials at site and of work done to date by the Contractor will be paid for in full at the rate specified in the contract. Notice in writing from the Railway of such determination and the reasons therefor shall be conclusive evidence thereof.

**61.(2) Payment on Determination of Contract:** Should the contract be determined under sub clause (1) of this clause and the Contractor claims payment for expenditure incurred by him in the expectation of completing the whole of the work, the Railways shall admit and consider such claims as are deemed reasonable and are supported by vouchers to the satisfaction of the Engineer. The Railway's decision on the necessity and propriety of such expenditure shall be final and conclusive.

**61.(3)** The Contractor shall have no claim to any payment of compensation or otherwise, howsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of determination of contract.

### **62.(1) Determination of Contract owing to Default of Contractor:**

If the Contractor should:

- (i) Becomes bankrupt or insolvent, or
- (ii) Make an arrangement for assignment in favour of his creditors, or agree to carry out the contract under a Committee of Inspection of his creditors, or
- (iii) Being a Company or Corporation, go into liquidation (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), or
- (iv) Have an execution levied on his goods or property on the works, or
- (v) Assign the contract or any part thereof otherwise than as provided in Clause 7 of these Conditions, or
- (vi) Abandon the contract, or
- (vii) Persistently disregard the instructions of the Engineer, or contravene any provision of the contract, or
- (viii) Fail to adhere to the agreed programme of work by a margin of 10% of the stipulated period, or
- (ix) Fail to Execute the contract documents in terms of Clause 8 of the Instructions to Tenderers.
- (x) Fails to submit the documents pertaining to identity of JV and PAN in terms of Clause 12.11 of Tender Form available in the Instructions to Tenderers.
- (xi) Fail to remove materials from the site or to pull down and replace work after receiving from the Engineer notice to the effect that the said materials or works have been condemned or rejected under Clause 25 and 27 of these Conditions, or
- (xii) Fail to take steps to employ competent or additional staff and labour as required under Clause 26 of the Conditions, or
- (xiii) Fail to afford the Engineer or Engineer's representative proper facilities for inspecting the works or any part thereof as required under Clause 28 of the Conditions, or
- (xiv) Promise, offer or give any bribe, commission, gift or advantage either himself or through his partner, agent or servant to any officer or employee of the Railway or to any person on his or on their behalf in relation to the execution of this or any other contract with this Railway.
- (xv) Fail to adhere to the provisions of Clause 16 of Tender Form (Second Sheet) of Annexure I of Instructions to Tenderers, or provision of Clause 59(9) of these condition.
- (xvi) Submits copy of fake documents / certificates in support of credentials, submitted by the tenderer

Then and in any of the said Clause, the Engineer on behalf of the Railway may serve the Contractor with a notice (Proforma at Annexure-IX) in writing to that effect and if the Contractor does not within seven days after the delivery to him of such notice proceed to make good his default in so far as the same is capable of being made good and carry on the work or comply with such directions as aforesaid of the entire satisfaction of the Engineer, the Railway shall be entitled after giving 48 hours' notice (Proforma at Annexure-X or XII, as the case may be) in writing under the hand of the Engineer to rescind the contract as a whole or in part or parts (as may be specified in such notice) and after expiry of 48 hours' notice, a final termination notice (Proforma at Annexure-XI or XIII, as the case may be) should be issued.

Note: Engineer at his discretion may resort to the part termination of contract with notices (Proforma at Annexure- IX, XII and XIII), only in cases where progress of work is more than or equal to 80% of the original scope of work.

**62.(2) Right of Railway after Rescission of Contract owing to Default of Contractor:** In the event of any or several of the courses, referred to in Sub-Clause(1) of this Clause, being adopted:

(a) The Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any commitments or made any advances on account of or with a view to the execution of the works or the performance of the contract and Contractor shall not be entitled to recover or be paid any sum for any work thereto for actually performed under the contract unless and until the Engineer shall have certified the performance of such work and the value payable in respect thereof and the Contractor shall only be entitled to be paid the value so certified.

(b) In the contract which has been rescinded as a whole, the Security Deposit already with railways under the contract shall be encashed/ forfeited and the Performance Guarantee already submitted for the contract shall be encashed. The balance work shall be got done independently without risk & cost of the failed Contractor. The failed Contractor shall be debarred from participating in the tender for executing the balance work. If the failed Contractor is a JV or a Partnership firm, then every member/partner of such a firm shall be debarred from participating in the tender for the balance work in his/her individual capacity or as a partner of any other JV /partnership firm.

Further the authorized representative of failed Contractor cannot be accepted as authorized representative in new contract.

(c) In the contract rescinded in part or parts,

(i) The full Performance Guarantee for the contract shall be recovered. No additional Performance Guarantee shall be required for balance of work being executed through the part terminated contract. The contract value of part terminated contract stands reduced to the balance value of work under the contract.

(ii) The Security Deposit of part terminated contract shall be dealt as per clause 16(2) of Standard General Conditions of Contract.

(iii) The defaulting Contractor shall not be issued any completion certificate for the contract.

(iv) The balance work shall be got done independently without risk & cost of the failed Contractor. The failed Contractor shall be debarred from participating in the tender for executing the balance work. If the failed Contractor is a JV or a Partnership firm, then every member/partner of such a firm shall be debarred from participating in the tender for the balance work in his/her individual capacity or as a partner of any other JV /partnership firm.

(v) Further the authorized representative of failed Contractor will not be accepted as authorized representative in new contract.

(d) The Engineer or the Engineer's Representative shall be entitled to take possession of any materials, tools, implements, machinery and buildings on the works or on the property on which these are being or ought to have been executed, and to retain and employ the same in the further execution of the works or any part thereof until the completion of the works without the Contractor being entitled to any compensation for the use and employment thereof or for wear and tear or destruction thereof.

(e) The Engineer shall as soon as may be practicable after removal of the Contractor fix and determine ex-parte or by or after reference to the parties or after such investigation or enquiries as he may consider fit to make or institute and shall certify what amount (if any) had at the time of rescission of the contract been reasonably earned by or would reasonably accrue to the Contractor in respect of the work then actually done by him under the contract and what was the value of any unused, or partially used materials, any constructional plant and any temporary works upon the site. The legitimate amount due to the Contractor after making necessary deductions and certified by the Engineer should be released expeditiously.

## **71.0 ARBITRATION (THE STANDARD GENERAL CONDITIONS OF CONTRACT CLAUSE REPRODUCED BELOW)**

The Settlement of disputes in connection with the contract will be dealt with and governed by Clause 63 & 64 of General Condition of Contract.

### **63. Conciliation of Disputes:**

(i) This clause is applicable in the tender having advertised value less than or equal to Rs 50 Crore.

All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the Contractor to the "Chief Engineer" or "Divisional Railway Manager" through "Notice of Dispute" provided that no such notice shall be served later than 30 days after the date of issue of Completion Certificate by the Engineer. Chief Engineer or Divisional Railway Manager shall, within 30 days after receipt of the Contractor's "Notice of Dispute", notify the name of conciliator(s) to the Contractor.

The Conciliator(s) shall assist the parties to reach an amicable settlement in an independent and impartial manner within the terms of contract.

If the parties reach agreement on a settlement of the dispute, they shall draw up and sign a written settlement agreement duly signed by Engineer In-charge, Contractor and conciliator(s). When the parties sign the settlement agreement, it shall be final and binding on the parties.

The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject matter of the conciliation proceedings.

The conciliation proceedings shall be terminated as per Section 76 of 'The Arbitration and Conciliation Act, 1996.

63.1: Matters Finally Determined by the Railway: All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the Contractor to the GM and the GM shall, within 120 days after receipt of the Contractor's representation, make and notify decisions on all matters referred to by the Contractor in writing provided that matters for which provision has been made in Clauses 7(j), 8, 18, 22(5), 39.1, 39.2, 40A, 43(2), 45(i)(a), 55, 55-A(5), 57, 57A, 61(1), 61(2), 62(1), 63(iv) and 63.2.11 of the Standard General Conditions of Contract or in any Clause (stated as excepted matter) of the Special Conditions of the Contract, shall be deemed as 'excepted matters' (matters not arbitrable) and decisions of the Railway authority, thereon shall be final and binding on the Contractor; provided further that 'excepted matters' shall stand specifically excluded from the purview of the Dispute Adjudication Board (DAB) and Arbitration.

63.2 Dispute Adjudication Board (DAB):

This clause is applicable in the tender having advertised value more than Rs 50 Crore.

63.2.1 Any dispute/s if not settled with the Engineer, shall be referred to DAB.

The DAB shall consist of a panel of three Retired Railway Officers, retired not below senior administrative grade (SAG). The DAB shall be formed within 90 days of signing of Contract Agreement. For this purpose, a panel of DAB members shall be maintained in the General Manager's office. The complete panel, which shall not be less than five members, shall be sent by Chief Engineer to the Contractor to nominate one member of the DAB from the panel as Contractor's nominee within two weeks of receipt of the panel. On receipt of Contractor's nominee, the Chief Engineer shall nominate one member from the same panel as Railway nominee for the DAB. Both above nominees shall jointly select presiding member of the DAB from the same panel.

63.2.2 The appointment of DAB shall be effectuated by way of a tri-partite agreement among the Railway, Contractor and the respective DAB members. The terms of the remuneration of each member shall be as fixed by Ministry of Railways from time to time. Each party shall be responsible for paying one-half of this remuneration.

63.2.3 If one or more of the members appointed refuses to act as DAB member, or is unable or unwilling to perform his functions as DAB member for any reason whatsoever or dies or in the opinion of the Chief Engineer fails to act without undue delay, the parties shall terminate the mandate of such DAB member and thereupon new DAB member shall be appointed in the same manner, as the outgoing DAB member had been appointed.

- 63.2.4 The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Railway or the Contractor acting alone. Unless otherwise agreed by both the Parties, the appointment of the DAB (including each member) shall expire upon expiry of this Contract Agreement.
- 63.2.5 Before start of DAB proceedings, each DAB member shall give the following certificate to the Railway and the Contractor:
- “I have no any past or present relationship in relation to the subject matter in dispute, whether financial, business, professional or other kind. Further, I have no any past or present relationship with or interest in any of the parties whether financial, business, professional or other kind, which is likely to give rise to justifiable doubts as to my independence or impartiality.”
- 63.2.6 DAB proceedings shall be conducted as decided by the DAB. The DAB shall give its decision within 90 days of a Dispute referred to it by any of the Parties, duly recording the reasons before arriving at the decision. The DAB shall decide the issue within terms and conditions of the contract. This time limit shall be extendable subject to the Parties mutual agreement.
- 63.2.7 The DAB decision shall not be binding on both the Parties. In case any party is not satisfied by the decision of DAB, then the aggrieved party may approach Arbitral Tribunal for arbitration proceedings.
- 63.2.8 No dispute shall be referred to Arbitral Tribunal unless the same has been referred to DAB for adjudication. However, in case DAB is not formed due to any reason, the disputes can be directly referred to Arbitral Tribunal to adjudicate the dispute.
- 63.2.9 In the specific cases of any misconduct by any of the members of the DAB, the parties shall have the right to specifically bring it to the notice of the DAB such conduct, through a statement filed with necessary documents in proof of such misconduct and the DAB, after taking NOTICE of such conduct initiate the replacement of the member concerned, in the same manner the member to be replaced was appointed.
- 63.2.10 Once the decision is given by DAB, DAB cannot review the decision at its own or on the request of one party, unless both parties agree for review of decision by DAB.
- 63.2.11 In case DAB decision is not challenged by either party within 180 days of receipt of decision of DAB, the decision shall be considered as final and parties would be barred for referring the same to Arbitral Tribunal for adjudication.
- 63.2.12 The obligation of the Railway and the Contractor shall not be altered by reasons of issue being or under reference to DAB.
- 63.2.13 The DAB shall conduct the proceedings at any convenient venue which shall be decided by DAB in consultations with parties.
- 63.2.14 It is a term of this contract that the Parties shall not approach any Court of Law for settlement of such disputes or differences unless an attempt has first been made by the parties to settle such disputes or differences through DAB and Arbitral Tribunal.

**64.(1) : Demand for Arbitration:**

**64.(1)(i):** In the event of any dispute or difference between the parties hereto as to the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question, dispute or difference on any account or as to the withholding by the Railway of any certificate to which the Contractor may claim to be entitled to, or if the Railway fails to make a decision within 120 days, then and in any such case, but except in any of the “excepted matters” referred to in Clause 63.1 of these Conditions, the Contractor, after 120 days but within 180 days of his presenting his final claim on disputed matters shall demand in writing that the dispute or difference be referred to arbitration.

**64.(1)(ii)(a):** The demand for arbitration shall specify the matters which are in question, or subject of the dispute or difference as also the amount of claim item-wise. Only such dispute or difference, in

respect of which the demand has been made, together with counter claims or set off, given by the Railway, shall be referred to arbitration and other matters shall not be included in the reference.

**64.(1)(ii)(b):** The parties may waive off the applicability of Sub-Section 12(5) of Arbitration and Conciliation (Amendment) Act 2015, if they agree for such waiver in writing, after dispute having arisen between them, in the format given under Annexure XV of these conditions.

**64.(1)(iii)(a):** The Arbitration proceedings shall be assumed to have commenced from the day, a written and valid demand for arbitration is received by the Railway.

**64.(1)(iii)(b):** The claimant shall submit his claims stating the facts supporting the claims alongwith all the relevant documents and the relief or remedy sought against each claim within a period of 30 days from the date of appointment of the Arbitral Tribunal.

**64.(1)(iii)(c):** The Railway shall submit its defence statement and counter claim(s), if any, within a period of 60 days of receipt of copy of claims from Tribunal, unless otherwise extension has been granted by Tribunal.

**64.(1)(iii)(d):** Place of Arbitration: The place of arbitration would be within the geographical limits of the Division of the Railway where the cause of action arose or the Headquarters of the concerned Railway or any other place with the written consent of both the parties.

**64.(1)(iv):** No new claim shall be added during proceedings by either party. However, a party may amend or supplement the original claim or defense thereof during the course of arbitration proceedings subject to acceptance by Tribunal having due regard to the delay in making it.

**64.(1)(v):** If the Contractor(s) does/do not prefer his/their specific and final claims in writing, within a period of 90 days of receiving the intimation from the Railways that the final bill is ready for payment, he/they will be deemed to have waived his/their claim(s) and the Railway shall be discharged and released of all liabilities under the contract in respect of these claims.

**64.(2):** Obligation During Pendency of Arbitration: Work under the contract shall, unless otherwise directed by the Engineer, continue during the arbitration proceedings, and no payment due or payable by the Railway shall be withheld on account of such proceedings, provided, however, it shall be open for Arbitral Tribunal to consider and decide whether or not such work should continue during arbitration proceedings.

**64.(3) : Appointment of Arbitrator:**

**64.(3)(a):** Appointment of Arbitrator where applicability of section 12 (5) of Arbitration and Conciliation Act has been waived off:

**64.(3)(a)(i):** In cases where the total value of all claims in question added together does not exceed ₹1,00,00,000/- (Rupees One Crore), the Arbitral Tribunal shall consist of a Sole Arbitrator who shall be a Gazetted Officer of Railway not below Junior Administrative Grade, nominated by the General Manager. The sole arbitrator shall be appointed within 60 days from the day when a written and valid demand for arbitration is received by General Manager.

**64.(3)(a)(ii):** In cases not covered by the Clause 64(3)(a)(i), the Arbitral Tribunal shall consist of a panel of three Gazetted Railway Officers not below Junior Administrative Grade or 2 Railway Gazetted Officers not below Junior Administrative Grade and a retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrators. For this purpose, the Railway will send a panel of at least four (4) names of Gazetted Railway Officers of one or more departments of the Railway which may also include the name(s) of retired Railway Officer(s) empanelled to work as Railway Arbitrator to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as Contractor's nominee within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the Contractor's nominee and will, also simultaneously appoint the balance number of arbitrators either from the panel or from outside the panel, duly indicating the 'presiding arbitrator' from amongst the 3 arbitrators so appointed. General Manager shall complete this exercise of appointing the Arbitral Tribunal within 30 days from the receipt of the names of Contractor's nominees. While nominating the arbitrators, it will

be necessary to ensure that one of them is from the Accounts Department. An officer of Selection Grade of the Accounts Department shall be considered of equal status to the officers in Senior Administrative Grade of other departments of the Railway for the purpose of appointment of arbitrator.

**64.3.(a).iii:** The serving railway officer working in arbitral tribunal in the ongoing arbitration cases as per clause 64.(3)(a)(i) and clause 64.(3)(a)(ii) above, can continue as arbitrator in the tribunal even after his retirement.

**64.(3)(b):** Appointment of Arbitrator where applicability of Section 12 (5) of Arbitration and Conciliation Act has not been waived off:

(i) In cases where the total value of all claims in question added together does not exceed ₹50,00,000/- (Rupees Fifty Lakh), the Arbitral Tribunal shall consist of a Retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrator. For this purpose, the Railway will send a panel of at least four (4) names of retired Railway Officer(s) empanelled to work as Railway Arbitrator duly indicating their retirement dates to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as arbitrator within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the arbitrator within 30 days from the receipt of the names of Contractor's nominees.

(ii) In cases where the total value of all claims in question added together ~~₹50,00,000/-~~ ₹50,00,000/- (Rupees Fifty Lakh), the Arbitral Tribunal shall consist of a Panel of three (3) retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrators. For this purpose, the Railway will send a panel of at least four (4) names of retired Railway Officer(s) empanelled to work as Railway Arbitrator duly indicating their retirement date to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as Contractor's nominee within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the Contractor's nominee and will, also simultaneously appoint the balance number of arbitrators either from the panel or from outside the panel, duly indicating the 'Presiding Arbitrator' from amongst the 3 arbitrators so appointed. General Manager shall complete this exercise of appointing the Arbitral Tribunal within 30 days from the receipt of the names of Contractor's nominees. While nominating the arbitrators, it will be necessary to ensure that one of them has served in the Accounts Department.

**64.(3)(c)(i):** If one or more of the arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator, or vacates his/their office/offices or is/are unable or unwilling to perform his functions as arbitrator for any reason whatsoever or dies or in the opinion of the General Manager fails to act without undue delay, the General Manager shall appoint new arbitrator/arbitrators to act in his/their place in the same manner in which the earlier arbitrator/arbitrators had been appointed. Such re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous arbitrator (s).

**64.(3) (c) (ii): (a)** The Arbitral Tribunal shall have power to call for such evidence by way of affidavits or otherwise as the Arbitral Tribunal shall think proper, and it shall be the duty of the parties hereto to do or cause to be done all such things as may be necessary to enable the Arbitral Tribunal to make the award without any delay. The proceedings shall normally be conducted on the basis of documents and written statements.

(b) Before proceeding into the merits of any dispute, the Arbitral Tribunal shall first decide and pass its orders over any plea submitted/objections raised by any party, if any, regarding appointment of Arbitral Tribunal, validity of arbitration agreement, jurisdiction and scope of the Tribunal to deal with the dispute (s) submitted to arbitration, applicability of time 'limitation' to any dispute, any violation of agreed procedure regarding conduct of the arbitral proceedings or plea for interim measures of protection and record its orders in day to day proceedings. A copy of the proceedings duly signed by all the members of tribunal should be provided to both the parties.

**64.3(c)(iii): (i) Qualification of Arbitrator (s):**

(a) Serving Gazetted Railway Officers of not below JA Grade level.

(b) Retired Railway Officers not below SA Grade level, one year after his date of retirement.

(c) Age of arbitrator at the time of appointment shall be below 70 years.

(ii) An arbitrator may be appointed notwithstanding the total number of arbitration cases in which he has been appointed in the past.

(iii) While appointing arbitrator(s) under Sub-Clause 64.(3)(a)(i), 64.(3)(a)(ii), 64.(3)(b)(i) &

**64.(3)(b)(ii)** above, due care shall be taken that he/they is/are not the one/those who had an opportunity to deal with the matters to which the contract relates or who in the course of his/their duties as Railway servant(s) expressed views on all or any of the matters under dispute or differences. A certification to this effect as per annexure- XII shall be taken from Arbitrators also. The proceedings of the Arbitral tribunal or the award made by such Tribunal will, however, not be invalid merely for the reason that one or more arbitrator had, in the course of his service, opportunity to deal with the matters to which the contract relates or who in the course of his/their duties expressed views on all or any of the matters under dispute.

**64.(3)(d)(i):** The arbitral award shall state item wise, the sum and reasons upon which it is based. The analysis and reasons shall be detailed enough so that the award could be inferred there from.

**64.(3)(d)(ii):** A party may apply for corrections of any computational errors, any typographical or clerical errors or any other error of similar nature occurring in the award of a Tribunal and interpretation of a specific point of award to Tribunal within 60 days of receipt of the award.

**64.(3)(d)(iii):** A party may apply to Tribunal within 60 days of receipt of award to make an additional award as to claims presented in the arbitral proceedings but omitted from the arbitral award.

**64.(4):** In case of the Tribunal, comprising of three members, any ruling on award shall be made by a majority of members of Tribunal. In the absence of such a majority, the views of the Presiding Arbitrator shall prevail.

**64.(5):** Where the arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made.

**64. (6):** The cost of arbitration shall be borne by the respective parties. The cost shall inter-alia include fee of the arbitrator(s), as per the rates fixed by Railway Board from time to time and the fee shall be borne equally by both the parties, provided parties sign an agreement in the format given at Annexure XV to these condition after/ while referring these disputes to Arbitration. Further, the fee payable to the arbitrator(s) would be governed by the instructions issued on the subject by Railway Board from time to time irrespective of the fact whether the arbitrator(s) is/are appointed by the Railway Administration or by the court of law unless specifically directed by Hon'ble court otherwise on the matter.

**64.(7)** Subject to the provisions of the aforesaid Arbitration and Conciliation Act 1996 and the rules there under and relevant para of the Standard General Conditions of Contract (GCC) and any statutory modifications thereof shall apply to the appointment of arbitrators and arbitration proceedings under this Clause.

**64.(8)** In case arbitration award is challenged by a party in the Court of Law, 75% of award amount, pending adjudication by Court of Law, shall be made by party to other party. In case payment is to be made by Railway to Contractor, the terms & conditions as incorporated in the Ministry of Railways letter No. 2016/CE(I)/CT/ARB/3(NITI Aayog)/Pt. dated 08th Mar,2017 as amended from time to time, shall be followed. In case Contractor has to pay to the Railway, then 75% of the award amount shall be deducted by the Railway from the Contractor's bills, Performance Guarantee/ Security Deposit or any other dues of Contractor with the Government of India.

## **72.0 JURISDICTION OF THE COURT BINDING THE CONTRACT**

For the smooth operation of the contract, any suit or proceedings to enforce the rights of either of the parties here to under this contract shall be instituted in and tried only by the courts under the jurisdiction of Honorable High Court of Madras (and its subordinate courts) and by no other court, and both the parties hereto, hereby expressly agree to submit to the jurisdiction of courts under the jurisdiction of Honorable High Court of Madras (and its subordinate courts).

XXXXXXXXXX



## **SOUTHERN RAILWAY**

**Name of work:- PERAMBUR NEW RAILWAY HOSPITAL** - Providing firefighting arrangements to newly constructed OPD Block, A Block, B-Block, D-Block & L-Block.

### **MILESTONE FOR COMPLETION OF WORK**

<b>Sl. No</b>	<b>Activities</b>	<b>No. of Months required</b>
1	Site clearance, Testing of materials as per standard and obtaining approval of the same.	D to D+1 Months
2	Installation of Yard Hydrant, sprinkler riser and Hydrant riser for all blocks, Installation of Electricla/ Diesel pumps, Jockey pump and terrace pump and control panel.	D+1 to D+2 Months
3	Sprinkler lines on the floor area and fixing of sprinkler bulb, flexible hose and ROSSTLE PLATE, FIRE ALARM CABLING, PA cabling, Control modules OPD Block.	D+2 to D+3 Months
4	Sprinkler lines on the floor area and fixing of sprinkler bulb, flexible hose and ROSSTLE PLATE, FIRE ALARM CABLING, PA cabling, Control modules 'A', 'B' and 'L' Blocks.	D+3 to D+4 Months
5	Sprinkler lines on the floor area and fixing of sprinkler bulb, flexible hose and ROSSTLE PLATE, FIRE ALARM CABLING, PA cabling, Control modules 'D' Block.	D+4 to D+5 Months
6	Fixing of hydrant valvw, RR Hose, Branch pipes, Hose reel drum, fixing of smoke detector, manual call point, sounder, speaker and amplifier, fixing of all type extinguisher.	D+5 to D+6 Months

\* Where 'D' is Date of issue of Letter of Acceptance