

SOUTH EASTERN RLY

**RANCHI DIVISION-S
AND T**
Office of the DRM, SER,
Near Hatia RLY Station
Ranchi, 834003
Jharkhand, India

**Letter No: RANCHI DIVISION-S AND T / ST-RNC-OTT-
TSR-20-06 / 01510770030972**

Dated: 15/01/2021

M/s U K TRADERS-SULTANPUR

10 Laxmanpur
Allahabad Road
Sultanpur- 228001
Uttar Pradesh, India

Sub: Letter Of Acceptance

- Ref:**
1. Tender No. ST-RNC-OTT-TSR-20-06 closing date 04-01-2021 11:00 for Rehabilitation of telecommunication system for enhancement of efficiency of emergency, block and control communication in Ranchi Division.
 2. Your bid ID **11933192** dated **04/01/2021 10:19**

The Competent Authority has accepted your offered rates in connection with the subject work. The total cost of the work at the accepted rates works out to Rs. 25038764.09 (Rupees Two Crore Fifty Lakh Thirty-Eight Thousand Seven Hundred And Sixty-Four Rupees And Nine Paise Only)

A sum of Rs.278700 deposited as Earnest Money vide IREPS reference ID NE162411248859 has been retained towards initial Security Money for due and faithful fulfillment of the contract, and the balance Security Money will be recovered from the progressive bills @ 6 % of the bill amount till it reaches 5 % of the contract value in terms of clause 16(1) of GCC , July 2020 , Part-II.

You are requested to submit Performance Guarantee in the form as given in Clause 16(4) of GCC , July 2020, Part-II equivalent to 3 % of the contract value amounting to Rs. 751162.92 (Rupees Seven Lakh Fifty-One Thousand One Hundred And Sixty-Two Rupees And Ninety-Two Paise Only) within 21 days from the date of issue of Letter of Acceptance, valid up to stipulated date of completion plus 60 days so that contract agreement can be executed. (PG Ref: -Railway board letter no.2020/CE-I/CT/3E/GCC/Policy dated 20.11.2020).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 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the railway, submission of PG can be accepted on the next working day.

The entire work shall be completed within 11 month from the date of issue of Letter of Acceptance.

Payment: Payment shall be made in accordance with the Special Conditions of the contract. Payment shall be made on production of site register and measurement book and necessary certification by SSE/SE-in-charge subject to any condition the railway may be entitled to under the contract. Income tax, Conservancies cess, Labour Cess, GST TDS and Other recoveries if any including royalty etc may be deducted from bill as applicable.

Rate: Rate accepted are inclusive of all type of taxes (including GST), duties and any other charges as leviable by Govt. of India, State Government or any other agency as per provisions of works contract rules and regulations.

Labour & ESI: You will have to ensure ESI registration and contract labour license before execution of contract agreement as per extant rules and submit necessary document to this office.

Joint Procedure Order for Cables: The Joint Procedure Order is for undertaking digging work in the vicinity of underground Signaling, Electrical and Telecommunication Cables. The contractors are advised to ensure strict compliance of instructions as mentioned in telecommunication circular no. 17/2013 in view of safety of cables. A suitable penalty will be imposed if cables are being damaged by contractors during execution of allotted works.

Miscellaneous:: Disputes, if any in connection with the work shall be dealt in according to Indian Railway Standard General Conditions of Contract-2020 with correction slips up to the date of issue of NIT. Please contact Sr DSTE/RNC immediately for further instructions to start the work on the authority of this LOA. Please sign and return this letter of acceptance along with the schedule of work as a token of acceptance within 10 days of issue of the same

Measurement Book (MB) entry:: Measurement Book (MB) entry & 100% test check to be made by concern SSE/Tele(Incharge) i.e. SSE/T/RNC & SSE/T/MURI. 20% test check to be done by concern sectional officer i.e. ADSTE/RNC & ASTE/MURI.

Copy to:: PCSTE/GRC, CVO/GRC, P.D.Au./GRC, DFM(Co)/RNC, ADSTE/RNC, ASTE/MURI, SSE/T/RNC, SSE/T/MURI, SSE/T/HQ/HTE-II, Sr.Clerk/Budget/S&T/HTE and Regional Labour Commissioner (Central), Ranchi .

All Other terms and conditions, as stipulated in the tender documents shall be applicable.

SUDHIR KUMAR
DSTERNC
 Digitally Signed
[View Signature Details](#)

Awarded Quantities And Rates

Item Sno.	Item Desc	Item Code	Item Qty	Qty Unit	Unit Rate (Rs)	Escl. (%)	Advt.Value (Rs)	Bid Rate/ Unit Rate	Bid Amount (Rs)
Schedule A-Execution (Inclusive of 12% GST) (Item Directory - Not Applicable)							24519160.39	2.70 % Below	23857143.06
1	Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes, rocks etc.,ballast and reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depth and width as specified in Technical Circular No:2 of 1988 & correction slip No. S/318/1748 dt 15.03.2000 issued by CSTE/S. E. Railway. The contractor has to conduct detailed site survey of the cable route. Prepare a plan to get approval of the Railway, putting white lime powder marking before excavation of earth under supervision of railways authorised representative. Wherever several cables of different categories have to be		View Details			At Par	3150968.14		

	laid in the same path, all cables with brick separation and in an order confirming to para 2.2.7 of CSTE's Technical Circular No. 2 of 1988 shall be laid, instead of separate trench in the concerned area.							
2	Supply and fixing of G.I Pipe with threaded collars (for jointing pipe) of 80 mm. nominal bore specn no. IS -1239 medium grades, on bridges, culverts including supply and transportation of materials required for fixing the pipes to Drg. No. Con/SK/T/2 including drawing of cables inside the pipe with masonry works over the entire length of the bridge and at entry and exit of the bridge, drilling holes at 10 cm apart and bituminous compound to be filled - in, pipes to be clamped 2 mtr. apart on bridge/culvert for the following:- i) Quad cable/Telecom PIJF cable and bituminous compound to be filled - in, pipes to be clamped 2 mtr. apart on bridge/culvert. Note:- the G.I pipes and all other materials required for fixing to be supplied by the contractor and shall be inspected by the representative of Sr.DSTE/RNC before use.	A002	500	Metre	762.17	At Par	381085.00	
3	Transportation including loading and /or unloading of 6 quad/Telecom PIJF cable from the stores of SSE(Tele)/RNC or SSE/TELE/MURI to the work site and laying of 6 quad/Telecom PIJF cable as per procedure and returning empty cable drums with or without left over cable to the stores of SSE(Tele)RNC or SSE/Tele/MURI. Measurement will be given on the basis of actual quantity of each of the cable laid at site.	A003	71	Kilometre	18630.60	At Par	1322772.60	
4	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, bushes, rocks, ballast etc., to a depth of 1 mtr. & width .3M for track /pucca road/platform crossing /levelcrossing/Culverts and any other places as advised by engineer incharge including supply , transportation and laying of DWC pipe for under ground cable protection with collars of 103 mm inner diameter and 120mm outer diameter in length 6 mtrs with couplers & sockets as per spec. No. : IS - 14930 Part-II (supply of one coupler for 6 mtrs of DWC pipe and two couplers of 30 mtrs of length free of cost) in trench and drawing of signalling/ power /Telecom cables through pipe including back filling and ramming after cable laying. This includes repairing and plastering of platform/ Pucca road after cable laying. DWC pipe shall be inspected by the representative of Sr.DSTE/RNC before laying.	A004	800	Metre	745.38	At Par	596304.00	

5	Excavation of trenches including clearing of roots etc. in hard /rocky areas upto a depth to be decided by Rly.Engineer at site as per site condition (min. 0.3 mtr.) and width 0.3 mtr. at the bottom. This includes laying/concreting/plastering after placing bricks longitudinally after laying of cables as per instructions of site Engineer and back filling the balance trench. All the building materials including cement will be supplied by the Contractor at his own cost at site. In case 0.8 Mtr. Depth or higher is achieved no concreting /plastering and bricks shall be required.	A005	10000	Metre	263.00	At Par	2630000.00		
6	Execution of straight through /derivation /termination joints with VF transformers on 6 quad cable using RTSF 4 thermoshrink jointing kit as per specification no. TC-77/2012 (rev. 3) with amdt. 1 & 2 or latest including provision of cable jointing pit.	A006	154	Numbers	3808.84	At Par	586561.36		
7	Casting, concreting and curing of concrete foundation as per DRG NO. SK/8/6/99 of CSTE/ER with 4 Nos of foundation bolts with one nut and washer of each bolt, erection of apparatus case half size including transportation of apparatus case half size from the store of consignee to the work site.	A007	118	Numbers	5975.17	At Par	705070.06		
8	Excavation of earth pit ,transportation ,placing and fixing of Earth Electrode with construction of cement enclosure as per Drg. No. CON/SK/T/9 and CON/SK/T/9A and drawal of 6 core cable from earth electrode to goomtys ,relay rooms,apparatus case, cabin ,station,L.C.gate pedestals,batthey rakcs,CTRs,equipment racks,various S&T equipments,power panel,cable earth,block earth,control earth,signal screens etc. as the case may be including fixing and soldering of copper lugs at both end of the wire , this includes transportation of Earth Electrodes confirming to Drg. no. CON/SK/8/3/84 or latest and 6 core cable. This includes supply of all other materials ,painting,lettering etc.The contractor has to supply printed bound book for earth resistance test register in the format supplied by the railway. Note: Earth Electrode will be provided by Railway and ,all the materials required for the installation ,wiring ,testing and commissioning of earth electrode will have to be supplied by the contractor .the sundry materials such as charcoal ,salt, salmonise, GI wires, Eyelets, Paints, sodering materials ,copper lugs with bolts and	A008	126	Numbers	3006.80	At Par	378856.80		

	nuts ,bricks ,cement ,sand etc. and other sundry materials required for the work shall be supplied by the contractors.								
9	Supply and fixing of M.S.Channel (C-section,100 mm x 50 mm x 6 mm)length 1.5 meter or as per requirement depending on the site as per drawing no. RCIL/ER/DRG-08 A&B/06 Inspection by Rep. of Sr.DSTE/RNC	A009	250	Numbers	1178.40	At Par	294600.00		
10	Supply and fixing of "Z"clamp of MS Flat (300 mm x 38 mm x 12 mm) for fixing of MS channel as per drawing no RCIL/ER/DRG-08 A&B/06. Inspection by Rep. of Sr.DSTE/RNC	A010	500	Numbers	145.10	At Par	72550.00		
11	Supply and fixing of clamp made of MS Flat (250 mm x 38 mm x 6 mm) for fixing of GI pipe(50 mm) and for binding trough & trough cover on M.S. Channel as per approved drawing of RCIL. Inspection by Rep. of Sr.DSTE/RNC	A011	250	Numbers	189.25	At Par	47312.50		
12	Provision of Hexagonal nuts & bolts 8 mm x38 mm with spring washer, flat washer, checknut for fixing clamp & channel. Inspection by Rep. of Sr.DSTE/RNC	A012	500	Numbers	17.65	At Par	8825.00		
13	Provision of hexagonal nuts & bolts 10 mm x 38 mm with spring washer ,flat washer,checknut for fixing Z clamp & channel.Inspection by Rep. of Sr.DSTE/RNC	A013	1000	Numbers	26.50	At Par	26500.00		
14	Fixing of 50 pair CT Boxes and termination of cable and filling of CT boxes with bitumen compound (supplied by contractor). Inspection by Representative of DRM (S&T)/RNC.	A014	2	Numbers	1324.15	At Par	2648.30		
15	Fixing of 20 pair CT Boxes and termination of cable and filling of CT boxes with bitumen compound (supplied by contractor). Inspection by Representative of DRM (S&T)/RNC.	A015	16	Numbers	1002.69	At Par	16043.04		
16	OFC related work	View Details				At Par	623921.55		
17	Supply, transportation, installation, testing and commissioning of Optic Fibre termination box (24 fibre) as per specification no. IRS:TC 81-20000 or RDSO/SPN/TC/37/2020 Rev.4.0 or latest and splicing of Optic Fibre Cable (24 fibres) inside the termination box and with provision of take out all fibres /specified no. of fibres as per requirement of site and testing. This includes cost of supply and installation of all accessories like 8 mtrs long pig tail with FC/PC connectors and other accessories etc. as detailed in technical specification and advised by the engineer at site. Note: (1) 10 % spare i.e supply of minimum 1 no. to be supplied additionally in the same cost by the contractor. (ii) Tenderers have	A017	6	Numbers	32627.74	At Par	195766.44		

	to enclose the list of items and manufacturers name. (iii) Material should be supplied from RDSO source of suppliers . (iv) All material will be inspected by the authorised representative of Sr.DSTE/RNC before execution.								
18	Installation of Emergency socket	A018	68	Numbers	78.95	At Par	5368.60		
19	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, bushes, rocks, ballast etc., to a depth of 1 Mtr. & width 0.3 M for track/pucca road/platform crossing/level crossing/Culverts/Kachha Road/Station section (from home to home) and any other place as advised by the Engineer-in-charge including supply, transportation and laying of RCC pipes with collars (for joining pipe) 100/150 mm nominal dia to Spec. No:IS-458 in trench and drawing of cables through pipe including back filling and ramming after cable laying as specified in Technical Circular No. 2 of 1988 issued by CSTE/S.E.Rly. This includes repairing and plastering of platform/pucca road after cable laying. RCC pipe shall be inspected by the Representative of Sr. DSTE before laying.	A019	2000	Metre	616.88	At Par	1233760.00		
20	Micro Tunneling :- Transportation of HDT machine with accessories including handling of store materials, preparation of sites and boring (Boring size upto 175 mm for laying of (i) three (3) nos. of 40 mm HDPE pipes and one (1) 50 mm HDPE pipe or as per site engineer for placing and for crossing of signalling/OFC cable through HDPE pipe at bridges/culverts/track crossing/pucca road crossing, boring trench shall be minimum 3 (three) meter below the river bed and 1 (one) meter below the track/road/pucca road crossing area. This includes supply of permanently lubricated HDPE telecom ducts (i) 40 mm/33 mm & 50 mm/42 mm (with chord) as per RDSO spec. no. RDSO/SPN/TC/45/2013 REVISION 2.0 with latest amendments. For each KM of HDPE duct the following items are to be supplied (a) End plugs- 2 nos. (b) Cable sealing plugs - 02 nos. (c) Plastic couplers slip fit/push fit type - 2 nos. (d) End plugs to be provided along with drum - 2 nos. NOTE: Inspection-RDSO. Cost of fuel and all others items which will be required for laying of cable through HDPE pipe shall be borne by the contractor.The work shall be executed as per site engineer. Boring up to the length of 150 mtrs. NOTE : Work to be carried	A020	6300	Metre	1929.21	At Par	12154023.00		

	out at any place in division as per site engineer. NOTE : (a) Payment will be made as per actual work done. The dispensation, if any. To be laid down schedule should be at least at JAG officer level. (b) If the depth of trench is not uniform in a span of 100 mtr. or shorter lengths if site condition demands along the cable run, minimum depth will be taken for that particular stretch for payment.								
21	Fabrication and erection of Emergency Rail post complete with Emergency socket box made of FRP material as per Spec. No. RDSO/SPN/TC/44/2002 Ver.2 (With latest amendment) and its wiring alongside the Rly. Track at locations to be indicated by the engineer (Rail post shall be supplied by Railway and issued to the contractor for execution. Emergency Socket & Emergency socket box will be procured through separate schedule of this contract and issued to the contractor for execution). All other items shall be supplied/arranged by the contractor.	A021	68	Numbers	1268.00	At Par	86224.00		
Schedule Totals							23857143.06		
Schedule B-Supply (Inclusive of 12 % GST) (Item Directory - Not Applicable)							1214410.10	2.70 % Below	1181621.03
1	Supply of HDPE Duct 40/33 mm as per Spec No. RDSO/SPN/TC/45/2013 Rev.2.0 Amendment 1.0 Amendment -2 or latest with all accessories (i.e End Plug, Cable sealing plugs, Plastic couplers slip Fit/Push fit type etc.) . Inspection by RDSO.	B001	19	Kilometre	46256.00	At Par	878864.00		
3	Supply of 20 pair Cable Termination Box with cover & locking arrangement (Aluminium body). Inspection by Rep. of Sr.DSTE/RNC	B003	20	Numbers	1294.10	At Par	25882.00		
4	Supply of 50 pair Cable Termination Box with cover & locking arrangement(Aluminium body) . Inspection by Rep. of Sr.DSTE/RNC	B004	2	Numbers	2588.21	At Par	5176.42		
6	Supply of 6 pin emergency socket as per RDSO specno. IRS-TC-42/87 with Amendment slip1 or latest. Make Any RDSO approved firm. Inspection by Rep. of Sr.DSTE/RNC	B006	68	Numbers	334.88	At Par	22771.84		
7	SUPPLY OF EMERGENCY SOCKET BOX MADE OF FRP MATERIAL AS PER RDSO SPECIFICATION NO.RDSO/SPN/TC/44/2002 VERSION 2.0 WITH AMENDMENT NO.2. or latest. Inspection by Rep. of Sr.DSTE/RNC	B007	68	Numbers	4142.88	At Par	281715.84		
Schedule Totals							1181621.03		
Total Value							25733570.49		25038764.09
							Rebate on Total Value (%)		0.00
							Net Bid Value		25038764.09

Item Breakup

Schedule	A-Execution (Inclusive of 12% GST)					
Item - 1	Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes, rocks etc., ballast and reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depth and width as specified in Technical Circular No:2 of 1988 & correction slip No. S/318/1748 dt 15.03.2000 issued by CSTE/S. E. Railway. The contractor has to conduct detailed site survey of the cable route. Prepare a plan to get approval of the Railway, putting white lime powder marking before excavation of earth under supervision of railways authorised representative. Wherever several cables of different categories have to be laid in the same path, all cables with brick separation and in an order confirming to para 2.2.7 of CSTE's Technical Circular No. 2 of 1988 shall be laid, instead of separate trench in the concerned area.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	001	1.2 Mtr. Depth and 0.3 Mtr. Width	Kilometre	35	47744.12	1671044.20
2	002	1.0 Mtr. Depth and 0.3 Mtr. width	Kilometre	21.6	44663.47	964730.95
3	003	0.8 Mtr. Depth and 0.3 Mtr. width	Kilometre	13	39630.23	515192.99
					Total	3150968.14
Item - 16	OFC related work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	001	a) Laying of OFC/ QUAD Cable in trench and through HDPE/GI/RCC pipes where ever necessary.	Kilometre	19	12320.00	234080.00
2	002	b) Laying of HDPE duct in trenches. Supply and pulling of nylon rope through it.	Kilometre	19	12320.00	234080.00
3	003	c) Supply, transportation and installation of RCC joint chamber with two piece top cover and bottom cover with holes for drainage and cable entry, as per drawing no. RCIL/ER/DRG-02/06. (Reinforcement drawing enclosed). This includes trenching for jointing pt, backfilling and ramming of the pit after placing the joint closure and cable loop in the chamber without causing any damage to the same and consolidation of soil as well as disposal of excess soil.	Numbers	7	3421.60	23951.20
4	004	d) Supply, Transportation and fixing of RCC cable route markers as per drawing no. RCIL/ER/DRG-01/06. Markers shall normally be provided at a distance of every 100 mtrs on the cable route, at places/comers where the route of the cable changes, on either side of culverts, bridges, L.C. Gates, road cutting or as advised by representative of Rly etc. These shall be engraved with letter' RLY OFC' and painter suitably. The markers shall be painted with Green when placed near joint chambers and should be painted with orange at all other places. The engraved portion should be painted with white.	Numbers	19	218.40	4149.60
5	005	e) Providing dry sand in FRP/RCC joint chambers up to 400mm height	Numbers	7	744.45	5211.15
6	006	f) Supply and provision of OFC joint enclosure including splicing (24 F) .The joint Enclosure shall be TVSE, Raychem model FOSC, ROXTEC, 3-m Make	Numbers	7	8780.80	61465.60
7	007	h) Trenching to a depth of 1 mtr below rail/Road/Platform level, placing of Gi pipe (as per IS 1239 pt.I & Pt.ii) 50 mm dia (inside) in the trenches made . Backfilling and ramming	Metre	110	554.40	60984.00
					Total	623921.55