

S.No.	Description	Unit	Qty	Proposed for negotiation	AMOUNT
A) Steel Fabrication					
1	Fabrication and erection for all structure made out of all types of rolled section as well built up section , fabrication out of plates , M.S. Angles, chequered plates etc	MT	150	12000	1800000
2	Fabrication and erection of hand railing made of MS / GI pipes 1/2" to 2" and toe guard and with dressing & hand railing.	RMT	200	150	30000
3	Fabrication and erection of Rectangular / Round Mild Steel Tanks/ducts	MT	2	20000	40000
4	Fabrication of Profile guards for Motor	No.	100	500	50000
5	Fabrication of Profile guards Belts	No.	50	1250	62500
B) Pipeline Fabrication					
1	Fabrication, Erection and Hydraulic Testings of MS /GI Pipeline with E6013 Electrodes.	RMT/Inch/dia	15000	52	780000
2	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	2500	52	130000
3	Fabrication, Erection and Hydraulic Testings of CS (ERW,GI,M.S.) Pipeline with TIG Route apd TIG final run welding.	RMT/Inch/dia	100	75	7500
4	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	10	75	750
5	Fabrication, Erection and Hydraulic Testings of CS Seamless SA 105 Gr.B Sch 40 Pipeline for Hot oil! application with E6013 Electrodes.	RMT/Inch/Dia	0	85	0
6	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	0	85	0
7	Fabrication, Erection and Hydraulic Testing of CS Seamless SA 105 Gr B Sch 40 Pipeline for Hot Oil, application with TIG "root (ER-70S-2) filler wire) and, E7018 Electrode for final welding as per the procedures.	RMT/Inch/Dia	8000	90	720000
8	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	3000	90	270000
9	Fabrication, Erection and Hydraulic Testing of CS seamless SA 105 Gr B Sch 40 Pipeline for Hot oil application with 7018 Electrode root and final welding as per the procedures.	RMT/Inch/dia	0	85	0
10	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	0	85	0
11	Fabrication, Erection and Hydraulic Testings of SS 304 /316 Pipeline (Seamless/ERW Sch 20)with TIG Argon Welding without nitrogen purging	RMT/Inch/dia	1000	110	110000
12	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	200	110	22000
13	Fabrication, Erection and Hydraulic Testings of SS Seamless Sch 20 Pipeline with TIG Argon Welding with Nitrogen purging.	RMT/Inch/dia	500	125	62500
14	Extra for Fixing of bends, reducers , tees, flanges (Pair) , valves, instruments for above	Per Inch Dia	100	125	12500
	Radiography: Radiography performance of radiographic inspection on piping of thermic fluid lines including providing and hiring of all necessary equipment and whatever else even though not expressly mentioned but required to perform the work as per specifications and instructions of Engineer-in-charge. Radiographs shall be submitted to the Engineer-in-charge. (Repeat radiography due to defective radiograph on repaired joints due to contractor's fault and for additional radiography necessitated due to poor performance of contractor's welders shall be done at contractor's cost) Note: Unit for radiography quantity is Nos. of circumferential weld joints)	Per Inch Dia	300	50	15000
15	Installatoin of Pre-Fabricated MS/SS pipe line.	Per Inch Dia	5000	40	200000
C) Unloading , Shifting and Erection					
1 (a)	Erection & commissioning of moving & non-moving equipments, as per instructions	MT	800	4000	3200000

	Scope: Include Erection, Fixing, Leveling. Alignment (Without the use of Dumpy level / Theodolite) as per the instructions of The Engineer in charge. Scope will also include Shifting the Equipments from the Site of Unloading/ Store to the Erection Spot for the purpose of erecting the same				0
1 (b)	Erection & commissioning of moving & non-moving equipments, as per instructions	MT	200	5000	1000000
	Scope: Include Erection, Fixing, Leveling. Alignment (With the use of Dumpy level / Theodolite) as per the instructions of The Engineer in charge. Scope will also include Shifting the Equipments from the Site of Unloading/ Store to the Erection Spot for the purpose of erecting the same				0
2	Dismantling of plant, machinery, Steel structures & shifting to a distance of 400 mtrs	MT	50	2700	135000
3	Unpacking of Plant & machinery From Sealed wooden Crates (Gross Weight -Machinery Weight)	MT	200	1000	200000
4a	Unloading of material from truck or open container at site & shifting to site or stacking in stores. Weight of single item less than 10MT.	MT	300	850	255000
4b	Unloading of material from closed container at site & shifting to site or stacking in stores. Weight of single item less than 10MT.	MT	400	1200	480000
5a	Unloading of material from truck or open container at site & shifting to site or stacking in stores. Weight of single item more than 10MT and less than 25MT.	MT	200	1500	300000
5b	Unloading of material from closed container at site & shifting to site or stacking in stores. Weight of single item more than 10MT and less than 25MT.	MT	200	2000	400000
6	Unloading of material from open container site & shifting to site or stacking in stores. Weight of single item more than 25MT and less than 60MT.	MT	200	2250	450000
7	Unloading of TMT steel and Structural steel	MT	1000	390	390000
8	Hiring Charges for Hydra -12 MT (Incl driver and fuel/maint. cost)	Rhrs	500	600	300000
9	Hiring Charges for Crane -25 MT (Incl driver and fuel/maint. cost)	8 hrs	20	30000	600000
10	Hiring Charges for Crane -60 MT (Incl driver and fuel/maint. cost)	8 hrs	10	50000	500000
11	Shifting of Equipments as per Instructions of Engineer in charge	MT	500	950	475000
12	Installation of Pallet/Roll storage racks including shifting from store	No.	0	2000	0
13	Dismantling of Pallet/Roll storage racks including shifting from to yard.	No.	0	1000	0
14	Dismantling of GI Ducting upto 3M height	Sq Mtr	0	350	0
15	Dismantling of GI Ducting above 3M height	Sq Mtr	0	500	0
16	Installation of Air curtains including shifting	No	80	1000	80000
17	Dismantling of Air Curtain including shifting.	No	10	500	5000
18	Installation of PVC Curtain	RMT	5000	40	200000
19	Dismantling of PVC Curtain	RMT	500	30	15000
D) Miscellaneous					0
1	Dismantling of Asbestos / GI/ Powder coated / MS Sheets / PUF Sandwich panels	SQMT	1000	25	25000
2	Fixing of GI/ Powder coated MS Sheets / PUF Sandwich panels	SQMT	2000	95	190000
3	Skirting around the equipments, pipes and other opening on the floor.	RMT	300	300	90000
4	Supply & fixing of wooden block for chilled water lines	Per Inch Dia	500	65	32500
5	Fabrication & erection of Cat Ladder	RMT	200	150	30000
6	Supply & fixing of GI U clamps for pipelines	Per Inch Dia	1000	25	25000
7	Fabrication of SS plate work including cleaning of vessel/joints etc by Buffing & pickling etc.	Kgs		72	0
8	Fixing of dash fastener - Upto M16	No.	2000	28	56000
9	Fixing of dash fastener - greater than M16	No.	500	32	16000
10	Supply of				0

a)	Fitter / Welder along with tool kit	Manday	2000	800	1600000
b)	Rigger along with complete rigging kit	Manday	2000	550	1100000
	Manday = 8 Hrs				0
11	M.S. Welding on plates/Rolled steel sections	RMT	200	250	50000
12	S.S. Welding (TIG) on plates	RMT	200	800	160000
13	Removal of pre-erected piping & unloading from racks	RMT / Inch/ Dia	200	20	4000
14	Drilling of Holes upto 20 mm in MS Plates/ Rolled sections Etc	Nos.	1000	15	15000
15	Fabrication of SS plate work	Kgs	1000	40	40000
16	Supply and fixing of Roller supports	Nos.	200	340	68000
17	Draining/Fillup of Thermic oil with including shifting.	Barrel	200	300	60000

Total Amount (Rs)

16859250

Note

- 1 All Tools , tackles and equipments like Hydras, cranes etc will be in the scope of the Contractor
- 2 Welding rods of approved make like D&H, Advani, Essab only will be allowed to be used.No other make Shall be allowed at site
- 3 Welding machines shall be Rectifier type only
- 4 All workers deployed at site shall be covered under ESI and PF.
- 5 Prices shall be inclusive of all the taxes only GST shall be extra as applicable.