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Percentage BoQTender Inviting Authority: **MORMUGAO PORT TRUST ENGINEERING CIVIL DEPARTMENT**Name of Work: **Upgrading, Supplying, installation, testing, putting in operation and free maintenance for a period of one year of the existing In-motion Railway Electronic Weigh Bridge on Line: 6 at MPT yard.**Contract No: **CE/8(R1)/2019**

Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sr. No.	Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	PART-1 (Civil cum Rail works)					
1.01	Supply and installation of 1 no. ERIM indicator and 2 nos Dual Sensor rail (5.5 mtr) on line No.6 in MPT railway sidings, including removing existing usable ERIM indicator and other parts if any from line no.3, including inserting required rails at line no. 3 and making fit for smooth rail movements, upgrading the existing system using available components/ electronic gadgets etc; with Port to the required standards as per latest RDSO	1	Set	756600.00	756600.00	INR Seven Lakh Fifty Six Thousand Six Hundred Only
1.02	Execution of Rail In-motion Civil works for foundation,super structure and rail works in line with attached sample reference drawing andas per latest RDSO specifications and as referred with the reference drawing including all labour and material tools and plants etc. complete. Note: Before commencement of the civil works the	1	Each	385000.00	385000.00	INR Three Lakh Eighty Five Thousand Only
1.03	Testing of installed IREWB with test wagon on special Hire cum Haulage charges etc. including all labour and material tools and plants etc. complete	345	Km	1708.00	589260.00	INR Five Lakh Eighty Nine Thousand Two Hundred & Sixty Only

1.04	Rail In-motion AMC including 4 free services at regular intervals in one year, in addition the service engineer shall be deputed to attend any number of breakdown calls whenever required including installation, calibration & testing of system. Including all labour and material	1	One Year	125000.00	125000.00	INR One Lakh Twenty Five Thousand Only
2	PART-2 (Electrical works) Providing Electrical wiring network connectivity for In-motion Railway Electronic Weigh Bridge (IREWB) as per latest RDSO specifications.					
2.1	Supply of 1.1KV grade 4C X 35 sqmm Aluminum armored cable	220	Mts	350.00	77000.00	INR Seventy Seven Thousand Only
2.2	Supplying and making end termination with brass compression gland and aluminum lugs for 4C X 35sqmm Aluminum armored cable PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV	2	Nos	500.00	1000.00	INR One Thousand Only
2.3	Supply and installing 12 way Double Door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface / flush-mounted, complete with tinned copper bus bar, neutral bus bar, earth bar, din rail, interconnections, powder coated including earthing etc.	1	Nos	8000.00	8000.00	INR Eight Thousand Only
2.4	Supplying and installing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or flush-mounted, with chained metal cover for the socket outlet and complete with	1	Nos	1235.00	1235.00	INR One Thousand Two Hundred & Thirty Five Only
2.5	Supply of 2 Ton single phase split AC, 3 Star AC (Refrigerant R-410a) including outdoor condenser stand.	1	Nos	45000.00	45000.00	INR Forty Five Thousand Only
2.6	Installation and commissioning of 2 Ton single split AC	1	Nos	2000.00	2000.00	INR Two Thousand Only
2.7	Wiring for light point (10 Nos)/ fan point(2 nos) with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed with modular switch, modular plate, suitable box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper cable etc. as required.	10	Nos	630.00	6300.00	INR Six Thousand Three Hundred Only
2.8	Supply and installation of Modular Switchboard with 01 Nos 15 Amps Switch-Socket and 02 nos 5 Amps Switch-Socket. The wiring of switchboard to be carried out by 2.5 sqmm FRLS copper cable. (The Work includes wiring	3	Nos	980.00	2940.00	INR Two Thousand Nine Hundred & Forty Only

2.9	Supply and installation of Switchboard for Lighting/ Fan control with 01 15/5 Amps Socket. The wiring of switchboard to be carried out by 2.5 sqmm FRLS copper cable. (The Work includes wiring from Main DB)	2	Nos	1000.00	2000.00	INR Two Thousand Only
3	Earthing as per IS 3043 with G.I. earth plate 600 mm X 600 mm X 6.5 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and G.I pipe of 2.7 metre long etc.	2	Nos	10000.00	20000.00	INR Twenty Thousand Only
3.1	Providing and fixing 25 mm X 5 mm G.I. strip surface mounted or in recess for connections from earthing pit to Lighting DB as required. The work includes connection	20	Mts	150.00	3000.00	INR Three Thousand Only
3.2	Supply of 20 Watts LED light fittings (T8) Complete. (The Work includes wiring from SwitchBoard)	10	Nos	900.00	9000.00	INR Nine Thousand Only
3.3	Installation of 20 Watts LED light fittings (T8) Complete	10	Nos	100.00	1000.00	INR One Thousand Only
3.4	Supply of Single Port I/O box D LINK, DIGISOL	10	Nos	390.00	3900.00	INR Three Thousand Nine Hundred Only
3.5	Installation of Single Port I/O box including crimping, punching in patch panel and I/O box.	10	Nos	30.00	300.00	INR Three Hundred Only
3.6	Supply of fully loaded 24 port patch panel Make: D LINK, DIGISOL	1	Nos	3200.00	3200.00	INR Three Thousand Two Hundred Only
3.7	Supply of CAT-6 UTP Cable MAKE: D LINK, DIGISOL	305	Mts	20.00	6100.00	INR Six Thousand One Hundred Only
3.8	Laying CAT-6 UTP Cable	305	Mts	10.00	3050.00	INR Three Thousand & Fifty Only
3.9	Supply of 1" capping casing for wiring of Network point	100	Mts	45.00	4500.00	INR Four Thousand Five Hundred Only
4	Installation of 1" capping casing for wiring of Network point	100	Mts	20.00	2000.00	INR Two Thousand Only
4.1	Supply of 12 Port LIU with pigtailed and adaptor loaded MAKE: D LINK, DIGISOL	2	Nos	6200.00	12400.00	INR Twelve Thousand Four Hundred Only
4.2	Installation of 12 Port LIU with pigtailed and adaptor	2	Nos	300.00	600.00	INR Six Hundred Only
4.3	Excavation of trench to a depth of 60cm and laying of HDPE pipe along with the OFC & 4C X 35 sq.mm aluminium cable and backfilling. HDPE pipe will be	210	Mts	450.00	94500.00	INR Ninety Four Thousand Five Hundred Only
4.4	Excavation of trench to a depth of 120cm and laying of HDPE pipe along with the OFC & 4C X 35 sq.mm aluminium cable across the railway tracks and backfilling.	30	Mts	450.00	13500.00	INR Thirteen Thousand Five Hundred Only

4.5	Supply of 6U Network Rack with power strip and fan	2	Nos	4900.00	9800.00	INR Nine Thousand Eight Hundred Only
4.6	Installation of 6U Network Rack	2	Nos	350.00	700.00	INR Seven Hundred Only
4.7	Splicing of OFC cores	24	Nos	450.00	10800.00	INR Ten Thousand Eight Hundred Only
4.8	Supply of 24 Port Cisco 2960 X series model with SFP port	1	Nos	41100.00	41100.00	INR Forty One Thousand One Hundred Only
4.9	Supply of 8 Port Cisco switch 2960 L series model with SFP port	1	Nos	13650.00	13650.00	INR Thirteen Thousand Six Hundred & Fifty Only
5	Installation of 24 Port Cisco switch Cisco 2960 model with SFP port including configuration	2	Nos	1000.00	2000.00	INR Two Thousand Only
5.1	Installation of 8 Port Cisco switch Cisco 2960 L series model with SFP port including configuration	2	Nos	1000.00	2000.00	INR Two Thousand Only
5.2	Supply and installation of 1G single mode OFC Module for the Cisco 2960 X series switch	2	Nos	9000.00	18000.00	INR Eighteen Thousand Only
5.3	Supply and installation of single mode SC-LC patch cord	2	Nos	600.00	1200.00	INR One Thousand Two Hundred Only
Total in Figures					2277635.00	INR Twenty Two Lakh Seventy Seven Thousand Six Hundred & Thirty Five Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only					