

Vol. II to Enquiry no. TASX00018

"PRICE BID FORMAT"

Name of Work: "Proof Consultancy Services" Electrification of Railway Lines of the sections Birlanagar-Etawah, Bhandai - Udi and Farrukhabad - Shikohabad including Mainpuri - Etawah of North Central Railway 386 RKM/440 TKM".

Sl.No.	Section	UoM	Quantity	Description of Drawing / Document for Review / vetting	Payment Weightage (%)
A	Civil Engineering	Per Location	8	Review/Vetting of P-way drawings / documents	1.43%
		Per Group	3	Review/Vetting of Tower Wagon shed, OHE Depot, Service buildings including all facilities like roads, drains, boundary etc.	3.61%
		Per Location	2	Review/Vetting of Modification of Platform sheds dwg / documents	0.19%
		Per Location	6	Review/Vetting of Subordinate rest house and Camp house for railway staff	0.48%
		Per Location	5	Review/Vetting of Staff Quarters including all facilities like roads, drains, boundary wall etc.	3.81%
B	Signal Engineering	Per Station or Per LC	20	Review/Vetting of Signalling Interlocking plans, Station/Gate working rule diagram, Route Control Chart, Cable courage plan, Circuit diagram, Equipment sizing, Track circuit diagram	2.57%
				Review/Vetting of Panel / VDU diagram, Cable core chart, Power supply diagram, Equipment layout & details including cable troughs required, Cable termination Rack diagram	1.54%
				Review/Vetting of Bonding Plan, Earthing Schemes, Lightening & surge protection diagram, Inter equipment wiring diagram	0.77%

Sl.No.	Section	UoM	Quantity	Description of Drawing / Document for Review / vetting	Payment Weightage (%)
				Review/Vetting of Miscellaneous Schemes like Fuse details	0.10%
				Review / Vetting of All other miscelleneous drawings	0.15%

Sl.No.	Section	UoM	Quantity	Description of Drawing / Document for Review / vetting	Payment Weightage (%)
C	Telecom Engineering	Per Group	3	Review/Vetting of Location & Connectivity of all equipment's and cables, Schematic and wiring diagrams, Cable core plan and numbering scheme	3.22%
				Review/Vetting of Cable route diagram, Layout of equipment's in racks, in rooms etc.	1.93%
				Review/Vetting of Third party interfacing (SCADA, PA system etc.,) cable list and its interconnection charts	0.97%
				Review/Vetting of Miscellaneous schemes like Fuse details, Channelling plan, OFC repeater location diagram etc	0.13%
				Review / Vetting of All other miscellaneous drawings	0.19%
D	Electrification Works (OHE)	Per TKM	440	LOP,CSD, SED	30.37%
				Review / Vetting of Bonding Plans, SPS drawings, Profile Diagrams(if applicable)	18.22%
				Review / Vetting of AT drawings, Power Supply Arrangements at stations/LC gates, Modification of OH Lines drawings	9.11%
				Review / Vetting of All other miscellaneous drawings	3.04%
E	TSS/SP/SSP including Civil	Per Location	37	Review / Vetting of GA drawings, Control Room Layouts, Cross Sectional Drawings, Foundation drawings, retaining wall drawings, Super Structure, layout of building	7.32%
				Review / Vetting of Cable Trench/Run Layouts, Auxiliary Power Supply Arrangements, Earthing Calculation and Layouts, Feeder Arrangements, Structure Assembly and Layouts	4.39%
				Review / Vetting of Fencing, Door, Anti-climbing device drawings, Illumination drawings, Oil Drain Arrangements	1.76%
				Review / Vetting of SCADA Drawings	0.73%
				Review / Vetting of Other miscellaneous drawings	0.44%

Sl.No.	Section	UoM	Quantity	Description of Drawing / Document for Review / vetting	Payment Weightage (%)
F	General	Per Location	10	Review / Vetting of GA drawings of sub-stations, Power Supply arrangements and service building drawings, illumination drawings	0.88%
				Review / Vetting of Engineering Scale Plan	2.47%
			1	Review / Vetting of Brief particular of tractions installations	0.18%
Total Price excluding GST					100.00%
Grand Total excluding GST (In Figures)					₹
Grand Total excluding GST (In Words)					₹

Notes:

- 1 The rate and amount are inclusive of all applicable taxes, except for the GST. For details of taxes, clause no. 13.0 of the SCC will be applicable.
- 2 All payments shall be made only after approval of respective drawings/documents by the Authority. Payment shall be made only once for each drawing/document.
- 3 Drawings mentioned against each line item shall also include necessary supporting drawings required for erection/ installation/ construction of works.
- 4 Each station shall include all nearby LC Gates also for the purpose of payment
- 5 All prices are inclusive of visits to Site/BHEL/Contractor/Railway required for discussion on drawings/documents in order to expedite approvals.