

FORMAT F.1

Format for Query / Clarification / Deviation (QCD)

Tender No : TPWODL/IA/O/SITC/09

Package Na Supply, Erection, Installation, Testing & commissioning of 2 Nos. 33/11 KV PSS on "Turnkey Contract basis" for TPWODL

Bidder :

Note : The said format to be used only for any Pre-bid Query / Clarification/ Deviation on any of the Tender documents

Sr. No.	Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No	Description as per Bid Document	Query / Clarification / Deviation	TPWODL Response
1	2	3	4	5
1	BOQ SL.No -70 (Electrical Supply)	48 V, 100 AH, maintenance free VRLA Battery (Set. 4 Nos of 12V Battery)	As per BOQ, 48V 100AH VRLA Battery (4 Nos of 12V each) Set mentioned. However in the TS of Battery & Battery Charger 100AH mentioned. Please clarify the AH of Battery. Please note that, 12V Battery Bank Type test report shall not be available easily with the reputed manufacturer as the 12V type is not readily used in Industrial Purpose. Hence we request to consider 12V without specified Type test from reputed vendors like EXide/Amararaja etc. Otherwise please consider 2V battery bank instead of 12V.	Kindly consider 150AH(4 Nos of 12V each). Rest of the things will be as per technical specification.
2	BOQ SL.No -70 (Electrical Supply) and TS of civil work cl.no- 9 page 10/34	Supply of 2 tier 2 rows GI cable trench (internal width 1500 mm,depth 1800 mm, with 75X75X6 mm support angles fixed RCC column of 250 X 250 mm & with ladder type cable tray (45X45X5mm two angles at both side having welded flats of 25X5 mm at a gap of 150mm) for Power & control Cable	As per BOQ , it is mentioned as support angles shall be support fixed in RCC column of 250x250 mm . In civil work TS , Cl.no-9 Page 10/34 , it is mentioned as" The cable trenches should be primarily of RCC wall". Please clarify the requirement of RCC wall. As all the load shall be on the RCC column , hence the requirement of RCC wall not required. Brick masonry wall of cable trench shall be sufficient enough.	Kindly consider as mentioned in civil work TS.
3	TECHNICAL SPECIFICATION FOR AC DISTRIBUTION BOARD AND DC DISTRIBUTION BOARD and BOQ	Main Lighting Distribution Board (as per specification)	As per TS , Cl.no-15.2 Lighting DB (indoor & outdoor) mentioned. However in BOQ Sl.no -102 " Indoor Lighting Distribution Board as per specification " mentioned. Hence we assumed that , the main lighting distribution Board is for outdoor lighting DB. Please confirm.	MLDB shall be installed inside control room and one outdoor type 3ph-N sublighting distribution board to be considered which will be feeded from MLDB.
4	Document No: ENG-EHV-1028, TS	Battery charger Rating 40 or 60 A for FCB	Please note that, for 100AH battery bank , 30A battery charger is sufficient. Hence request you to kindly accept the same. Please confirm.	Kindly adhere to technical specification. And replied above
5	BOQ Sl.no-13 & 15	5.0 MVA, 33/11kV Power Transformer DYN11 (OLTC, Outdoor Installation) with Accessories as per specification compatible for NIFPS & TMU.	As per BOQ, Electrical supply sl.15, " TMU as per tech specs and scope of work" Mentioned. We understand that TMU will be supplied as per the said line item. please clarify our understanding. Please confirm whether the transformer will be supplied with NIFPS.	1. Tmu shall be supplied as per technical specification and transformer should be supplied with future NIFPS compatibility provisions only.
6	Electrical Supply BOQ Sl. No. 112	Indoor Lighting Distribution Board as per specification unit is given as "AU".	Please clarify the abbreviation of AU	1 no's of Main lighting distribution board indoor type, 1 nos of sub-lighting distribution board outdoor type & 1 nos of emergency lighting board indoor type to be considered as per technical specification.
7	BOQ schedule of items : SL.No. 2 & 3	Demolish	Kindly provide detail clarification of demolishing line item no. 2 & 3. If any.	The Project is green field project. There is less chance of demolishing item to be operated. Item Sl. No. 2 & 3 is included in BOQ, if by chance any demolishing item operated in that project.
8	BOQ schedule of items : SL.No. 18	Switchyard PCC	a)As per technical specification of civil, switchyard area PCC will be 75 mm thick, grade of PCC (1:4:8) b)We are considering switchyard PCC in BOQ SL NO. -18 , kindly confirm the same.	If as per drawing PCC is 1:4:8 this will be paid in Sr No. 18 & necessary quantity amendment to be done. If PCC proportion is 1:3:6 as per drawing this will be paid as per Sr. No. 19. Submit rate of concrete as per proportion mention in BOQ
9	Civil scope of work cl. No. - 5.1 Roads & culverts	Road	As per the technical specification of civil and BOQ, road line item is not matching. Kindly clarify the same.	Road section as per cl no 5.1 consist of Granular Sub Base (GSB), PCC & RCC which exist in BOQ
10	Civil scope of work cl. No. -3 Site levelling	Contour Survey	In BOQ line item for contour survey is not added. We understand that it will be added on extra line item. Kindly confirm.	Contour Survey is part of Civil design & calculation of soil filling quantity. Contour Survey is not payable extra.
11	Civil scope of work cl. No. -2 Soil Investigation	Soil Investigation	In BOQ line item for Soil Investigation is not added. We understand that it will be added on extra line item. Kindly confirm.	Soil investigation is part of Civil Structural design . Soil Investigation is not payable extra.
12	General	General	Kindly provide actual Google Coordinates of the PSS for both projects.	The same shall be provided during technical evaluation.
13	General	Approved Vendor List of Equipmnets	Kindly furnish the approved Vendor List of Equipments.	There is no approved vendor list, however, the regular suppliers list shall be shared with you during technical evaluation/ detailed engineering stage.
14	BOQ Schedule of items. Extra Items BOQ (if any)	Extra Items BOQ (if any)	Please note that the extra items if any shall be finalized during detailed engineering. So the details not to indicate now in BOQ. Please confirm.	Kindly refer the technical clauses.

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15	BOQ Schedule of items. Electrical supply BOQ,(Sl.No.13)	5.0 MVA, 33/11kV Power Transformer DYN11 (OLT, Outdoor Installation) with Accessories as per specification compatible for NIFPS & TMU.	Please note that NIFPS is not in the scope of contract/ not required to supply. Please confirm.	transformer should be supplied with future NIFPS compatibility provisions only.
16	BOQ Schedule of items. Electrical supply BOQ,(Sl.No.50 & 50)	3C x 400 sq.mm, 3C x 300 sq.mm cable	Please confirm that the cables are 11kV (E) type.	Kindly consider 11kV (E) type.
17	Cl.No.7.2 at page No.40 of 59 Technical specification for 5MVA & 8MVA power transformer.	Types tests: The following type tests to be carried out by the bidder shall include but not limited to the following: Sl.No.1 to 11 Note: The bidder shall submit the test report from CPRI or ERDA for the test mentioned above.	Sl.No.10 - Short circuit withstand test: Please note that the Short Circuit withstand type test for 5MVA, 33/11kV power transformer with losses 3.6 KW/ 18 KW already done recently for TPSODL project which is available with us. The same shall be acceptable to TPWODL against 5MVA 33/11kV power Transformer with losses 3.6 KW/ 20KW as per technical specification. So no need to conduct the fresh Short circuit withstand type test for 3.6KW/ 20KW, 5MVA 33/11kV transformer as per your requirements. Note: The type test report conducted in manufacturer works which is NABL certified are acceptable.	Kindly adhere to technical specification.
18	Cl.No.5.24 at page No.33 of 59 Technical specification for 5MVA & 8MVA power transformer.	Nitrogen injection drain and stir system.	Please not that NIDS system is not required/ supplied for this project as there is no item in BOQ schedule. Please confirm	transformer should be supplied with future NIFPS compatibility provisions only.
19	Vendor list and standard drawing	Vendor list and standard drawing	1.Please provide/ share the vendor list for equipment and materials. 2.Please provide the standard drawings available with you for our reference i.e. substation building, cable trench, boundary wall, fencing etc.	1. There is no approved vendor list, however, the regular suppliers list shall be shared during technical evaluation/ detailed engineering stage. 2. Sample drawings for reference shall be shared with you during detailed engineering stage.
20	33KV incoming line and 11KV outgoing line.	33KV incoming line and 11KV outgoing line.	The incoming line and outgoing lines are not covered in this contract. Please confirm.	Noted
21	Electrical Supply BOQ, item no. 26	8 no's T-1 GI Column (for 33 kv incoming line & near Power Transformer) (7.25 mtr long, consisting of 2 Nos of 150X75X5.7 mm channel jointed by plates) as per specification. STAAD file & Load Calculation to be shared by EPC.	Kindly provide drawing of T-1	Sample drawings for reference shall be shared with you during detailed engineering stage.
22	Electrical Supply BOQ, item no. 27	8 no's T-1A GI Column (for 33 kv Bus) (6 mtr long, consisting of 2 Nos of 150X75X5.7 mm channel jointed by plates) as per specification, STAAD file & Load Calculation to be shared by EPC.	Kindly provide drawing of T-1A	Sample drawings for reference shall be shared with you during detailed engineering stage.
23	Electrical Supply BOQ, item no. 28	T-3 GI Column Set including beam arrangement for 11 kv side of Power Transformer (one T-3 Column is 4 mtr long, consisting of 2 Nos 100X50X5 mm channel jointed by plates, 2 nos T-3 Column for one Transformer) as per specification.	Kindly provide drawing of T-3	Sample drawings for reference shall be shared with you during detailed engineering stage.
24	Electrical Supply BOQ, item no. 52	3Core x 400mm2, 11kV Transformer	Kindly clarify the line item	11kV 3C X 400 Sq.mm. Heat shrinkable termination kit for outdoor application
25	Electrical Supply BOQ, item no. 53	3Core x 300mm2, 11kV O/G Feeder	Kindly clarify the line item	11kV 3C X 300 Sq.mm. Heat shrinkable termination kit for outdoor application
26	Electrical Supply BOQ, item no. 54	3Core x 400mm2, 11kV for Transformer Panel	Kindly clarify the line item	11kV 3C X 400 Sq.mm. Heat shrinkable termination kit for indoor application
27	Electrical Supply BOQ, item no. 55	3Core x 300mm2, 11kV for O/G Feeder Panel	Kindly clarify the line item	11kV 3C X 300 Sq.mm. Heat shrinkable termination kit for indoor application
28	Electrical Supply BOQ, item no. 75	Supply of 300 mm sweep 70W A/C Exhaust Fan	Kindly confirm with or without Louvers	Kindly consider with Louvers
29	Electrical Supply BOQ, item no. 80	ACDB (as per specification)	Kindly provide Specifications for ACDB	Already provided in tender document. Kindly refer 20 no technical specification.
30	Electrical Supply BOQ, item no. 82	Supply of Maintenance Testing Equipment as per technical specification.	Kindly provide list of testing equipment with Quantity and approved make	Already provided in tender document. Kindly refer 47 no technical specification
31	Electrical Supply BOQ, item no. 83	Supply of Tools and Plants (T&P's) Requirement as per technical specification.	Kindly provide list of T&P's with Quantity and approved make	Already provided in tender document. Kindly refer 47 no technical specification
32	Electrical Service BOQ, Item no. 83	Supply of 1.5 Ton capacity Split Air Conditioning units with Remote control facility: Including supply of split Air conditioner 5 Star rated with voltage stabiliser, control boxes (25Amp MCCB & 25Amp switch), Remote etc. for completing the A.C scheme of control room. Each AC will have its own control through respective switch, as per technical specification and scope of work.	Kindly provide approximate distance between indoor unit and Outdoor unit to calculate the length of copper pipe and other required accessories	The length of copper pipe shall be suitable for building design/installation location and as per cooling calculation.

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33	1.7 Qualification Criteria	I. The bidder should have average annual turnover of min. Rs. 20 Crores in any of the three financial years from last 5 FY (FY 18-19, FY 19-20, FY 20-21, FY 21-22 & FY 22-23). Audited balance sheet, profit and loss account and auditors report from the statutory auditors of the company required). II. The prospective Bidder(s) should be any Principal EPC/ Turnkey Contractor having Domicile in India independently, possessing valid HT/EHT Electrical Contractor License. In case, the HT/EHT license is not from ELBO Odisha, Contractor license for execution of works is to be obtained from the Office of the EIC- CUM-PCEI, Odisha. However, the contractor should furnish the documents as a proof to TPWODL, that they have applied to the issuing authority for issuing of ELBO Contractor License within 15 days from the issue of Order. In case the Contractor license is not furnished within 40 Days from the issue of Order, TPWODL has the right to cancel the Order without any intimation to the BA. III. The bidder must have executed, tested and commissioned similar jobs or above for Engineering, Supply, Erection & Commissioning of at least 2 Nos of 33/11kV or higher voltage class AIS Sub-Stations (having Transformer Capacity of 5 MVA or above) on Turnkey basis in any utility/companies for a total value of min. Rs.20.00 cr. in last five years. The bidder have executed One single order of Rs. 20 Cr. during last 5 financial years. Or Have executed Two orders of Rs. 10 Cr. (each) during last 5 financial years. Bidder shall submit the Order copies /	M/s Gayatri Agency is a Local MSME and Providing Service Since 1999 mainly in projects to Odisha DISCOMs. We want to draw your kind attention to the following points: 1-TATA Power has taken the operation of DISCOMs from 1st June 2020 (4Years) during the Corona Pandemic. 2-No Tender enquiry was floated for SITC of PSS for Small quantities like 1 or 2 nos by TATA Power since 1st June 2020 except ODSSP-4(Bigger Tender,no MSME Can Meet THE PQR). Hence,No PSS has been completed in the last 4 years towards the tender floated by TATA Power,Then how can local MSME meet the PQR of this tender. 3-Recently, TPSODL has awarded the order for execution of SITC of PSS to M/s Gayatri Agency through Competitive tendering process. 4-Pre operation of TATA Power ,M/s Gayatri had completed many 33/11KV PSS for Odisha. Hence you are requested to relax in PQR for Commissioning/complete of 33/11KV or Higher rating within last 10 Years which will provide the opportunity to local MSME.	Please adhere to Qualification Criteria as mentioned in Tender documents
34	Clause no. 7.5_Payment Terms	Supply part: (60% of the total SITC order value) Services and Erection part including civil work: (40% of the total SITC order value)	We understand that Supply part 60% & service part 40% of the total SITC value will be applicable for composite tender where the price includes together for supply & erection. But here price schedule for supply & erection schedule are separately given. So supply part 60% & erection part 40% will not be applicable in this case. Please clarify our understanding.	Please adhere strictly to payment terms mentioned in Tender Document, pg. no. 22, clause 7.5
35	Annexure-A, Page no. 61	PROFORMA FOR BID SECURITY BANK GUARANTEE	Please clarify in whose favour the EMD BG will be prepared, as "In favour of" is not mentioned in the tender document. And also detailed address is required.	EMD BG should be in favour of "TP Western Odisha Distribution Limited, Burla"
36	Annexure-A, Page no. 61	PROFORMA FOR BID SECURITY BANK GUARANTEE	In EMD BG, stamp duty is not provided. Please provide the same.	Stamp duty of Min. Rs. 100/- is applicable
37	Clause no. 7.1 (f)	LD @1% for each week of delay or part thereof of the contract price of un-finished portion of works subject to the maximum of 10% (five percent) of the total contract price	We understand that the maximum LD of un-finish portion is 5%(Five Percent) instead of 10%. Kindly clarify our understanding.	Maximum LD applicable is 10% of total contract value, you may refer GCC Pg. No. 50, Clause No. 13.0 of Tender document
38	Cl.No.7.5 Page 22/180 of SCC	Payment Terms Supply part (60% of the total SITC order value) Services and Erection part including civil work: (40% of the total SITC order value)	The supply part value as per supply BOQ. Please confirm. The erection and civil value as per BOQ for erection & civil, please confirm. We request for 10% interest free mobilization advance for supply, erection and civil. Please consider.	Please adhere strictly to payment terms mentioned in Tender Document, pg. no. 22, clause 7.5
39	Cl.No.7.1 (d) at page 17/180 of SCC	Performance Guarantee: The performance guarantee Bank Guarantee shall be valid for work completion period plus Guarantee Period i.e. (12 Months + 12 Months + 1 Month = 25 Months)	The guarantee period is 12 months for this project. please confirm.	Guarantee period shall be 12 months from date of completion of project plus 1 month. Completion period considered for this project is 12 months. So overall PBG to be submitted is for 25 months
40	Cl.No.7.4 at page 22/180 SCC	Guarantee period/ warranty period: Guarantee / Warranty Period of the supplied materials will be as per the TS attached with the tender.	The guarantee/ warranty period i.e. 12 months for supplied materials from the date of completion of work or 18 months from the date of delivery whichever is earlier.	The guarantee/ warranty period i.e. 12 months for supplied materials from the date of completion of work.