

**LOT-1 dt. 06.09.2021**

**ELECTRICAL WORKS (SUPPLY & ERECTION) FOR PLANT LIGHTING AT TALCHER FERTILIZERS LTD., ANGUL, ODISHA**

**NIT NO. : PNP/PC-183/E/8002/NCB**

Sr. no.	Reference of Bidding Document			Short Description of Query	Bidder's Query	PDIL Reply
	Document No.	Page No.	Clause No.			
<b>ELECTRICAL WORKS</b>						
1			Item numbers 8.01 & 8.02		In 7 mts. & 9 mts. tubular swaged poles it's not clear which pole drawing should we consider for the supply as it seems we have 2 drawings with slight deviations. Also, the foundation details are not clear as we have 2 drawings where 2 different types of foundations are given.	The attached drawing are for reference . Contractor shall submit the drawing of pole manufacturer for review/approval as per NIT.
2			Item numbers 8.01 & 8.02		Out of the 5 manufacturers listed in the tender only 2 namely - Premier Power & Surya Roshni make the poles. Rest 3 are not making it. Therefore, we would be grateful if you can consider giving at least 2 more parties who make the poles (a submission from our side is Rukhmani & RR Ispat of Godavari Group).	Vendor list to be followed.
3			Item number 11.02		In the intermediate earth pit (ICP) its written earth pit without electrode. Does it mean it's a copper plate earthing and should we quote for the copper earth pit.	Intermediate earthpit shall be without electroded. Earthpit shall be as per NIT/SOR.
4			Item number 11.01		It's written GI pipe with 100 microns to which we would like to submit that either it should be MS pipe with 100 microns coating or GI pipe only without any microns mentioned as it comes in standard 65 microns.	As per NIT.
5			Item number 9		In the high mast only 2 manufacturers' names are given i.e. Bajaj Electricals & Philips India. Some manufacturers don't entertain small quantities and don't even provide an offer to contractors. Therefore, we would be grateful if some more names like Transrail of Gammon Group or any other can also be allowed.	Vendor list to be followed.
6			Item number 3.01:		In the LT megger the points iv, v & vi i.e. self-discharge function, timer facility, and automatic polarization index calculation are not available. Please confirm whether the LT megger can be provided without these 3 points.	As per NIT.
7			Item number 3.02		In the supply of earth megger the range is from 0 to 2000 ohms is readily available but the range in the tender is 0-20 kilo-ohms which is not available. Please confirm that can we consider 0-2000 ohm for supply.	As per NIT.
8	SOR - Section VII	417 of 431	3.01	LT Megger	Kindly clarify the safety rating: whether CAT III or CAT IV is required	LT Megger shall be CAT IV.

9	SOR - Section VII	417,418 of 431	3.02 & 3.05	Earth Megger	Please clarify the difference between both line items.	Please refer revised SOR.
10	SOR - Section VII	418 of 431	4.01	Spare qty for LED driver	Please clarify whether total 20 spares are to be considered or 20 spares for each type.	Please considered 20 spares for each type. Also, wherever, each type or each rating or size are mention, Spares mentioned in Qty column shall be provided for each type /each
11	SOR - Section VII	421 of 431	8.01 & 8.02	Lighting Pole	Please clarify whether poles are single arm or double arm. Also please clarify pole designation for 9m pole	Swaged type pole shall be considered, as per NIT. Item No. 8.01 is for 7 Mtrs Pole whereas Item 8.02 is for 9 Mtrs Pole.
12	SOR - Section VII	424 of 431	12.01 to 12.04	GI strip	Please clarify whether excavation is to be considered	excavation shall be considered. Also, the rates quoted shall also include excavation and backfilling.
13	SOR - Section VII	428 of 431	20.01	Rotating search light	Please provide details/drawing for UDCA stand	Contractor to furnish UDCA Drawing in line with NIT, which shall be reviewed/approved by PDIL/TFL.
14	SOR - Section VII	429 of 431	24.0	Fan	Please clarify the type of fan required	Type and Nos. of Fans shall be finalised during execution.
15	General			Excavation	We understand that excavation for GI strip, pipe shall be considered under Sr. No. 29.01. Please clarify.	Excavation, Laying & installation of GI Strips, pipes and backfilling shall be considered in Sl. No.12 & 13. Sl. No.29.01 is for excavation and back filling
16	General			Construction Power	Please clarify whether construction power shall be provided at site or we need to consider DG set.	1 No. 63A, 415V Feeder at Existing Substation near 132 KV Switchyard shall be made available for Construction Power. Tapping of Construction Power (on
17					Kindly provide SLD for the feeder pillars excluding High Mast feeder pillars.	SLD already attached in NIT.
18					Kindly provide Technical Specification for- >EM250-TS-0801 >EM250-TS-801 >PC183-TS-801	Refer revised SOR.
19					Kindly provide detailed specification for the spares.	Spares shall be of respective equipment/item.

20					Clarify whether is any Operation & maintenance for the tender,	Operation & maintenance is not part of this NIT.
21					Kindly approve SURYA,TRANSRAIL,VALMONT For High Mast.	Vendor List of NIT to be followed.
22					Kindly approve SHUBHAM,VALMONT,MUMBAI POLES,KJ INDUSTRIES For lighting poles.	Vendor List of NIT to be followed.
23					Kindly Clarify use of gland & lugs for tender.	For cable termination Gland & Lugs shall be used.
24					Kindly clarify BOQ NO.17.0 & 24.0	Items shall be as per SOR.
25					Kindly Provide detaild specification for MS Cable Markers.	Cable route markers of Round shape made of MS of dia 200mm with suitable engraving as of LT Cable jointed with angle of 30X30X5 mm grouted in concrete of size 150mm x150mm x 500mm.
26					Kindly provide details specifications and approved make for DC earth tester (Grouser)	Refer revised SOR.
27					Kindly specify details for flame proof and weather proof, which should we consider as per particular item	Flame proof and weather proof specified in Item description.
28					Kindly provide approved make list for HDPE pipe	Make: Astral/ Relaince Industries 'RELPIPE"/ APOLLO/ Climax Synthetics
29					Kindly clarify for BOQ no.19.03, whether light will be fixed on existing pole or pole will be in contractor scope and provide specification for Lighting pole	Light fixture shall be fixed on pole, which are in Contractor's scope. As per NIT.
30					Kindly provide specification for UDCA stand require for manual rotation search light for watch tower (BOQ no. 20)	Contractor to furnish UDCA Drawing in line with NIT, which shall be reviewed/approved by PDIL/TFL.
31					Kindly provide details for Land excavation, whether soft or Hard (BOQ no. 29.0)	As per preliminary observation both soil are available at site.