

Reply of Pre Bid Queries [LOT-2_dt. 03.04.2023]

NAME OF WORK : COMPOSITE SUPPLY CUM ERECTION OF ELECTRICAL & INSTRUMENTATION WORKS FOR OSBL FACILITIES ON ITEM RATE BASIS AT TALCHER FERTILIZERS LIMITED, ANGUL, ODISHA

TENDER NO : PNP/PC-183/E/8003/NCB

SL. NO.	REFERENCE OF BIDDING DOCUMENT				BIDDER'S QUERY	PDIL'S REPLY
	SEC. NO.	Page No.	Clause No.	Subject		
1	SOR	1037 of 1065	12.12	CCTV System- 1 LOT	In BOQ CCTV camera quantity is defined but cables ,accessores and JB quantities are not defined. To calculate the accessories need the location of cameras. Kindly shared the location which will help us for calculation of accessories	Relevant Ammendment has been issued.
2	SOR	1038 of 1065	13.00	EPBAX System	BOQ calls for IP based telephone system but the Sr.No 13.14 & 13.15 indicate the telephone cables . If system is IP based then no need of Telephone cable . Need FO cable and Cat-6 Cable. Kindly confirm for which purpose this cable is used since there are no analoge telephones are used. Kindly confirm on same.	Relevant Ammendment has been issued.
3	TECHNICAL SPECIFICATION & SCOPE - INSTRUMENTATION WORKS	709/ 1065	5.7.8	Interface with other third party specification including all hardware and software like CCTV system , EPBAX system , PLC system is also in bidder's scope .	Bidder understands that the Interfacing shall be done by Owner as there are multiple parties involved. PLC supply is not in Bidders scope. Please confirm.	Relevant Ammendment has been issued.
4	SOR		SOR Line Sr. No. 7.63 to 7.91 GI Cable Tray	GI Tray thickness 3mm & Coupler plates 4mm	For "Concentric static load as 70 Kg at the centre of GI Tray" with supports span 2.5 mtrs. - is obtained with 2mm thickness of tray. Our query is if the load is achived with 2mm thk still 3mm thickness is to be considered for tray. Please clarify?	3 mm thick as per SOR/NIT.
5	SOR		SOR Line Sr. No. 4.94	"Unit Capacitor Bank each type and rating"	We could not understand please clarify what is the requirement?	1 Set means 1 No. of Capacitor Bank of each KVAR rating of 3.3 kV Voltage level and 1 No. of Capacitor Bank of each KVAR rating of 11 kV Voltage level.
6	SOR		SOR Line Sr. Nos. 9.45 to 9.49	Switch Socket	Please clarify switch socket encloser to be considered in LM6 or Tharmo Plastic.	LM6.
7	SOR		SOR Line Sr. Nos. 9.53	SS-304 Air Termination we required Drawing	Please provide us drawing dimension of Lighting arrester Air terminal.	Relevant Ammendment has been issued.
8			INSTRUMENTATION Section- B1, Item No.20.11, f)	Protection & Maintenance of Instruments and accessories.	According to the BOQ item no 20.11, f), It is mentioned that protection & maintenance of instruments is under bidders scope. 1) We could not understand the exact scope of work we should do, please clarify the same. 2) We considered our scope of work will starts after the receipt of instruments from your / client store to till the instruments installed at field. After the installation of instruments and any other materials at field, protecion / maintenance of those items will not belongs to us. Please confirm.	There are some Instruments which are in the scope of supply of Bidder as mentioned in BoQ. For Those instruments , their protection & maintainance of Instruments and accessories shall be in Bidders scope.
9			Section-B-2, Item No. 30.00	Supply, erection & commissioning of miscellaneous job, engineering & residual work	We considered that the scope of our work as per this line item is related to the materials we are supplying for your entire instrumentation BOQ. Please confirm.	Noted.

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10			General-1		For the installation of all Instruemnts, the scope is combined with steam tracing activities. Please be noted that we do not know the size of traced tube and how much will the length of the traced tube. Hence we are requesting to please create separate line item for this work.	Kindly Adhere to Tender requirement.
11			General-2		For the installation of all Instruemns, the scope is combined with DP test & PMI activities. Please be noted that from the BOQ we can not assess the number of welding joint of each type of instruemts to be installed. Please provide us the number of welding joints for each line item of instruments.	Kindly Adhere to Tender requirement.
12			General-3		We considered that the iinstallatin of all in-line instruments, (i.e. Rotameter, Mag Flow, Vortex, Control Valve, PSV, TSV etc.) will be the scope of mechanical / piping. If required we will carry out the installation supervision for the same and supervision rate will be provided in installation column. Please confirm.	Kindly Adhere to Tender requirement.
13			General-4		We considered that GI/ Zinc Passivated fateners i.e. anchor bolt, "U" clamps, nut-bolts to be suplied / used in this project. Please confirm.	The same may be utilised for the project. Kindly take these ites into consideration.
14			General-5	Splicing of Optical Fibre Cable	1) Please provide separate line item for the splicing / termination of Optical Fibre cable. 2) We understood that the all require hardware will be free issued to us for splicing / termination of Optical Fibre Cable. Please confirm.	Kindly Adhere to Tender requirement.
15			General-6	Type of Work	We understood this is a broun field project & related to shut-down activities. Please confirm.	Control,monitoring and shut down ,all activitites are involved in this project
16			Section -A, item no. 19.14 & 19.15	Pressure Gauges	Please provide us the data sheet	Amendment has been issued.
17			Section-A, item no.19.24-19.26	Flow Orifice	Please provide us the data sheet	shall be issued during detail engineering
18			Section-A, item no. 19.27	Spring loaded Self actuating pressure regulating valve	Please provide us the data sheet	shall be issued during detail engineering