

Reply of Pre Bid Queries [LOT-4 dt. 24.04.2023]

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	Tender Clause		
1	SOR - 12.16		12.2	CCTV Accessories	Supply of all erection and installation material like Industrial grade layer ethernet Switch . OFC accessories like 12/24 port LIU, splice trays, loaded adaptor and blank plates, UTP and optical patch cords, pigtails, FRP junction box, FRP cable trays, FRP canopy ,steel structure for installation , Octagonal pole (10/8/6 meter) power supply , media convertor, armoured power cables , communication cable ,12 core single mode steel armoured optical fibre cable etc. in all respect as per specifications and instructions of Engineer in charge. Its bidder responsibility to consider BOQ as per best engineering practice and complete in all respect to full fill tender specification mentioned elsewhere .	It is mentioned that industrial grade layer ethernet Switch . OFC accessories like 12/24 port LIU, splice trays, loaded adaptor and blank plates, UTP and optical patch cords, pigtails, FRP junction box, FRP cable trays, FRP canopy ,steel structure for installation , Octagonal pole (10/8/6 meter) power supply , media convertor, armoured power cables , communication cable ,12 core single mode steel armoured optical fibre cable etc. are part of the referred work. But, there is separate item rate available for FRB Cable trays, Steel Structures, Cables, etc. We understand that in such cases where separate rates are available, that item will be billed from the separate item rate. Please confirm	No separate payment shall be made from other Items. However, for the purpose of calculation, bidder shall take reference of quantity from other items i.e Item No. 13.16, 17.0& 18.19 etc.
2	Reply of Pre Bid Queries [LOT-2_dt. 03.04.2023]		1.0	CCTV Locations	It is mentioned that Relevant Ammendment has been issued in the response to the below query. 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	We are unable to find the location of cameras in the Amendment. Kindly provide the same.	Location shall be finalised during detail engineering. However no. of cameras are mentioned in BoQ.
3	Reply of Pre Bid Queries [LOT-2_dt. 03.04.2023]		9	Supply, erection & commissioning of miscellaneous job, engineering & residual work	You have noted the below query, 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	We are unable to understand the response. Please confirm that this item does not have any material supply and installation scope. This item is only for the Residual Engineering work.	Bidder understanding is correct.
4				Scope of work		Since, this is an Item rate contract. We understand that any work required to execute the contract will be paid as per the relevant SOR. If relevant SOR is missing, the same will be paid on Cost plus 15% basis. Please confirm.	Please refer GCC Clause No.60.
5				CCTV System		In BOQ CCTV camera quantity is defined but cables, accessories and JB quantities are not defined. To calculate the accessories need the location of cameras.	Refer SI No-12 & 29.0 of BoQ , CCTV camera qty , accesories is clearly written. LAN cable qty is mentioned in 13.16
6				CCTV System		Kindly shared the location and DWG file. Elaborate the Accessories for CCTV system, Cable routing for system,	Refer SI No-12 & 29.0 of BoQ , CCTV camera qty , accesories is clearly written.
7	A			Telephone 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.	Bidder understanding is correct about IP based telephones .However, mentioned qty of Telephone cable need to be supplied.
8	A			Telephone system		Kindly confirm for which purpose this cable is used since there are no analogue telephones are used. Kindly confirm on same ,is there any existing system, if yes kindly provide details.	Mentioned qty of Telephone cable need to be supplied.

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3				FAS System	Also provide Fire alarm system details, if existing system is there kindly share details.	shall be provided during detail engineering.
4				PA System	Please specified the purpose of 50 pair and 5 pair cable used in PA system.	Please quote as per SOR.
5				General	Mention the scope of water ,power ,Boom lift etc...	Construction water & power shall be provided at single point at chargable basis. All the erection equipment, tools & tackles required for completion of works shall be in bidder's scope.
6				General	Make list for PA and accessories item.	Refer Amendment.
4				General	Please confirm if there is any impulse piping work is involved?	impulse piping shall be applicable as per SOR.
5				Instrumentation work	Kindly provide the hook up drawing for field instruments.	Hook up shal be provided during detail Engg.
6				Pressure guage	Kindly provide technical datasheet for Pressure guage.	Amendment is issued .
7				Capacitor Bank	We will supply capacitor bank along with Off load isolator in incomer (VCB in your scope)	Feeders are availabel in respective 3.3 kV Switchbaord and 11 kV Swithcboard. Capacitor Banks with VCB etc. shall be in Bidder's scope.
8				Capacitor Bank	Considered step consideration of Capacitor Bank. 300kVAR, 3.3 kV = 3 nos. steps of 100kVAR 500kVAR, 11kV = 3 nos. step of 100kVAR and 1 no. step of 200kVAR	300 kVAR Capacitor bank : 100 KVAR + 200 KVAR 500 kVAR Capacitor bank : 100 KVAR + 200 KVAR
9				Capacitor unit	Due to small rating of capacitor unit, we have considered External fuse protection for capacitor.	Internal Fuse as per NIT.
10				Capacitor unit	We have considered capacitor unit without overpressure switch	Capacitors shall be provided with Overpressure protection as necessary for safety.
11				Capacitor Bank	We have considered Indoor Control Panel and outdoor structure mounted capacitor bank.	Noted for Control Panel. Capacitor Bank shall be Indoor type in metallic housing with minimum IP-43 protection.
12				Additional Vendor	We need the additional make approval for the items mentioned in attached sheets since most of the OEMs are not manufacturing this products or product got discontinued. In view of same, we request you to approve additional makes mentioned in the attached document.	Bidder concern is noted. Bidder shall explore the possibility to explore the item as per approved Vendor list. However, requirement of any additional vendor shall be reviewed case to case basis as per requirement during detailed engineering.