

SR. NO.	CLAUSE NO.	PAGE NO.	TENDER CONDITION	BIDDER QUERIES	CLARIFICATION
1	1.13	10	The Bidder should ensure that the Schedule of Prices (Price Bid) is not enclosed in Cover No.1.	The Price bid formally as Vol II is not attached to the tender document.	The price bid shall be put in separate cover i.e. Cover-II and same should not be enclosed in the cover-I. However both cover I and II shall be enclosed in separate envelope and submitted on due date.
2	1.13(C)	11	The Cost of the tender of Rs. 2,000/- and the Earnest Money Deposit of Rs. 21,600/- in the form of DD from nationalized/scheduled bank shall be enclosed, in a separate envelope.	Whether payment of EMD & Cost of Tender are waived for companies registered with NSIC.	Tender conditions stands.
3	2.4.1 2.4.2	18 19	Design, Supply, Installation and Commissioning of outdoor type SS304, double door Distribution panel. The Contractor should supply the Distribution panel from the manufacturers, who are having certification of CPRI/ERDA for similar rating and conforming to IP 66 protection. Design, Supply, Installation, testing and commissioning of outdoor type, double door Feeder Pillar. The Contractor should supply the Distribution panel from the manufacturers, who are having certification of CPRI/ERDA for similar rating and conforming to IP 66 protection	What is the certification required from CPRI/ERDA?	The DB manufacturer should have similar or above rating of type test certificate issued by CPRI/ERDA. The DB shall be supplied with said certificate.
4	2.4.1 2.4.1 2.4.2	18 18 19	Outgoing 1 shall comprise of: 1) A 4P, 400Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 35KA, Ics=100%Icu and Adjustable Overload & Shortcircuit thermo magnetic based release. Outgoing 2 shall comprise of: A 4P, 125Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 25KA, Ics=100%Icu and Adjustable Overload & Shortcircuit thermo magnetic based release. Outgoing: 1) 4nos.of 4P, 160Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 35KA, Ics=100%Icu and Adjustable Overload & Shortcircuit thermo magnetic based release.	Distribution Board/Feeder Pillar panel	A 4P, 400Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 35KA, Ics=100%Icu and Microprocessor based Overload, Shortcircuit & Earth fault release. Outgoing 2 shall comprise of: A 4P, 125Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 35KA, Ics=100%Icu and Microprocessor based Overload, Shortcircuit & Earth fault release. Outgoing: 1) 4nos.of 4P, 160Amps, MCCB manufactured as per IS 13947. The MCCB shall be having fault current breaking capacity of 35KA, Ics=100%Icu and and Microprocessor based Overload, Shortcircuit & Earth fault release.

5	2.4.1 2.4.2	19, 20	Busbars: The entire power distribution circuit inside the panel should be of Tin plated copper Busbars. The size of Busbars to be used for R, Y, B phases shall be of 40mmX12mm, whereas the size of the Busbar to be used for Neutral shall be 40mmX6mm. The busbars should be provided with phase indicating PVC sleeves.	-	Busbars: The entire power distribution circuit inside the panel should be with Tin plated copper Busbars to carry current as per rated capacity of incoming and outgoing switchgears. The busbars should be provided with phase indicating PVC sleeves.
6	2.4.2	20	The outgoing of each MCCB should provided to 125A, 5 pin shore supply Sockets & Tops with ingress protection of IP67	what are the approved makes for shore supply sockets?	The outgoing of each MCCB should provided to 125A, 5 pin shore supply Sockets & Tops of Bhartia Cutler Hammer/Schneider/ C&S makes with ingress protection of IP65/IP67
7	2.4.2	20	Busbar Provision to tap the 3 phase supply from the outgoing busbar connection of the 630 A MCCB should also be provided.	For feeder pillar, if the cable is conncted directly to the Busbar provision, since the force of the waves is considerably high at the berth, the moisture will enter into the panel from the cable opening at the bottom which would defeat the purpose of supplying an IP66 panel.	The incoming cable shall be terminated as per IS standard . Similarly, provision for 1 no. outgoing cable of size 240sqmm should be made in the panel for future use in addition to the other outgoing feeder specified in the tender.
8	2.4.3	20	This includes supply and laying of L.T. 11KV, XLPE 4C x 300 sq. mm. Aluminium conductor armoured cable., extruded PVC inner sheathed, single layer of galvanized steel wire / strip armoured, over all PVC sheathed conforming to IS 7098 Part II 1985 with latest amendments with ISI mark of approved make. The cables are to be laid as per IS: 1255	-	This includes supply and laying of L.T. 1.1KV, XLPE 4C x 300 sq. mm. Aluminium conductor armoured cable., extruded PVC inner sheathed, single layer of galvanized steel wire / strip armoured, over all PVC sheathed conforming to IS 7098 Part I 1988 with latest amendments. The cable to be with ISI mark and of approved make and are to be laid as per relevant IS standards.
9	2.4.3	20	The end termination for 1100V grade underground cables shall be of crimping type lugs shall be supplied by the contractor. The crimping type lugs shall be installed by highly skilled personnel.	-	All the incoming and outgoing cables must be terminated with suitable proper cable glanding and crimping type lugs and carried out by highly skilled personnel as per relevant IS.
10	Section-V, Sr. No. 5	55	Providing of Point earthing in accordance with BIS 3043 / BS 7430 or latest.	Point earthing cannot be installed now as boring in the berth deck is not possible. However, a copper coated nickel strip can be fastened to the berth pillar upto 60cms below low tide level.	A Copper bonded nickel sealed steel plate of size 1ftX1ft and 6mm thickness, attached with copper bonded nickel sealed steel strip of size 50mmX6mm can be fastened to the berth pillar upto 60cms below the low tide level.
11	Section-V, Sr. No. 8	55	Supply and laying of 50mm x 6 mm G.I. flat Hot deep galvanized (100 microns) for 1000 KVA, & interconnections with existing earthing strip.	-	Supply and laying of 50mm x 6 mm G.I. flat Hot deep galvanized for earthing and interconnections with existing earthing strip.