

Ref: SRTS-II/C&M/WC-4218/2025

Date:06.05.2025

Package Name: Construction of 220kV Terminal Bay at 400kV Hiriyr Substation for KPTCL by POWERGRID

RFX No: 5002004216

Sub: Clarification- I to Bidding Document -Reg

Sl. No	Bidder Query	POWERGRID Reply
1	As per schedule 1 of schedule of prices, item A - 3, we have to supply 3 Nos. of 245 kV Isolators with 1 Earth switch . Whereas at your substation there is already one new 245 kV Isolator with Earth Switch is installed in bay no. 218. Please confirm the qty of Isolators to be supplied and installed by us. If 3 nos to be supplied, then please let us know where the 3rd Isolator to be installed	Noted. Corrected BOQ with revised quantity for Supply, F&I and Erection is updated.
2	As per schedule 1 of schedule of prices, item A-6, 245 kV Bus Post Insulator (excluding Wave Traps), we have to supply 10 nos whereas in your existing bay 216, 217 which are identical to proposed bay 218, there are only 5 nos. Bus Post Insulators (excluding Wave Traps) installed. We have also noted that already 2 nos. BPI's are installed at proposed bay 218 and accordingly only 3 nos are needed now for bay 218. We fail to understand the requirement of 10 Nos. Please clarify / confirm requirement.	Noted. Corrected BOQ with revised quantity for Supply, F&I and Erection is updated.
3	As per schedule 1 of schedule of prices, item A-7, 245 kV Bus Post Insulators (Including Wave Traps), we have to supply 6 Nos. whereas against item E.1 (PLCC at Hiriyr S/S end), S. No. 2, you have again asked for 6 nos. Bus Post Insulators for Wave Traps. We presume its duplication and request you to clarify / confirm requirement.	Item shown under A- 7, 245 kV Bus Post Insulators (Including Wave Traps) 6 nos - is not required and hence the quantity (Supply, F&I and Erection) shall be Nil or this item stands deleted from the BOQ.
4	As per schedule 1 of schedule of prices, item no. G-1 Airconditioning, please clarify to confirm the following. a) Is this for new SPR for bay 218 ? if yes where will be this new SPR for bay 218 to be constructed ?	As it is proposed to utilize the space in the existing SPR, these items may not be required. As such Schedule - 1 item no. G-1 Airconditioning (Supply, F&I and Erection) & Schedule – 3, Civil

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	b) As per specification Section Project, 2.1, page no. 4 of 10, the CRP system under present scope to be installed in existing SPR at bay 216-217. We checked the SPR and space provision is there to accommodate proposed bay 218 CRP panel, whereas as per schedule of prices, schedule 3, Civil Works, Item No. 15, we have to construct one new SPR for bay 218. We are not clear of this requirement. Where this new SPR will have to be constructed. Do we have to construct new SPR as you have mentioned in section project that the proposed bay 218's CRP shall be installed at existing SPR ay bay 216-217.	works items no – 15 stands deleted from BOQ.
5	As per schedule 1 of schedule of prices, item H - 3 (I & ii) – Illumination system , we have to supply light fittings for proposed bay 218 whereas we have observed that already light fittings are provided in gantry columns and also street lights and both energized at proposed bay 218. Please confirm the requirement.	Agency may quote for unit rate as per the requirement given in the BOQ.
6	As per schedule 1 of schedule of prices, item I (2) we have to provide 20 MT of Lattice type GI Structures for Towers, Beams etc whereas Gantry Columns & Beams are already provided in bay 218 and the bus is energized also. As per prevailing substation arrangement, only Pipe support structures for proposed equipment's are required. Please clarify / Confirm.	Lattice structures as envisaged is not required and hence the quantity (Supply, F&I and Erection) shall be Nil or this item stands deleted from the BOQ.
7	As per schedule 1 of schedule of prices, Part B, Vendor accessed quantities, item no. B, Illumination system for SPR, While we are not clear of the SPR requirement and its location and purpose, what is expected from us for illumination system. Please clarify.	As it is proposed to utilize the space in the existing SPR, these items may not be required. As such Part B, Vendor accessed quantities, item no. B, Illumination system for SPR and associated F&I and Erection items stands deleted from BOQ.
8	As per schedule 1 of schedule of prices, Part C - Mandatory Spares, item 2, you have asked for 245 kV SF6 Circuit Breaker without CR, 1 Phase , and the unit is LS and qty is 1, please confirm we	It is 245 kV, 1 phase / 1 pole CB without CR and the items to be supplied along with this unit as spare is be provided as per Mandatory spare list

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	have to supply one pole of single pole operated breaker only and not 1 set (3 poles) of single phase operated CB.	attached. Further, the text of item- Part C - Mandatory Spares, item 2 as -----may be read as <u>245 kV SF6 Circuit Breaker spares.</u>
9	As per schedule 1 of schedule of prices, Part C - Mandatory Spares, item 3, you have asked for 1 phase 245 kV Isolator double break with 1 ES and the unit is LS and qty is 1, please confirm we have to supply items required for only and one earth switch OR complete one set, 3 Phase double break Isolator with 1 ES.	It is 245 kV, 1 phase Isolator Double break with one E/S and the items to be supplied along with this unit as spare is be provided as per Mandatory spare list attached. Further, the text of item - Part C - Mandatory Spares, item 3 as -----may be read as <u>245 kV Isolator (Double Break) spares</u>
10	As per schedule 1 of schedule of prices, Part C - Mandatory Spares, item 4, 5 & 6, 245 kV Current Transformer, 216 kV Surge Arrester and 245 kV, CVT, We understand we have to supply only 1 no. single phase unit of each and not for all 3 phases. Please clarify / confirm requirement.	List of spares to be supplied under Part C - Mandatory Spares, items- 1,2,3,4, 5 & 6, is attached as Annexure-Mandatory Spares.
11	As per schedule 3 of schedule of prices, Civil Works, item no. 21, Chain Link Fencing , We have to provide 90 Mtrs. However we observed that already fencing is provided at the periphery of bay 218 however on the roadside the top of existing fencing is matching with the FGL of proposed bay 218 (means at very low level). Please clarify whether we have to remove the existing fence and fill up (level) the area and provide new chain link fencing OR the existing to be used by only leveling the ground to match with fence provided for bay 216-217.	Chain link fencing as envisaged may be required to be provided, however the FGL shall be in line with existing Switchyard.
12	As built drawings like Earthing Layout, Substation Plan & Elevation, lighting and lightning protection layout, SAS & Telecom architecture of exiting substation were not furnished with tender. Please provide	Tentative construction drawings are shared for reference. Other detailed drawings shall be shared during detailed engineering.

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13	In the PLCC system, we have observed that EPAX has not been called for neither in the specification nor in price schedule. We presume existing EPAX system at both Hiriyur substation and KPTCL end substation shall be used. Please confirm.	Agency is requested to quote as per bid documents.

In view of the above clarification, the revised Price schedule_Rev1 is attached, all the bidders shall submit their bids as per the revised price schedule. All other terms and conditions of the bidding document remain unchanged.

