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No. 6027 / PVVNL-MM/MT/RDSS-SCD/126/24-25

Dated: **F 2 DEC 2024**

Corrigendum – II

Amendments in tender specification no. PVVNL-MM/MT/RDSS-SCD/126/24-25 (Tender ID - 2024_PVVNL_971735_1) for the work of Package No. 2- SCADA, Smart Technology Integration, 33/11 Link UG Line, 33 kv UG Lines for Separate Source, 33 KV Replacement of Old damaged underground Lines, 11 KV Feeder bifurcation underground Lines , 11 KV Outgoing underground Lines work due to augmentation of Power Transformers, Compact Substation works etc. for Noida Town of PsVVNL, Uttar Pradesh under Revamped Reforms Based and Results-Linked, Distribution Sector shall be read as per follows :-

S. N.	Tender Specification No.	Clause/Condition	Original	Amended As
1	PVVNL-MM/MT/RDSS-SCD /126/24-25	BoQ Sr no. 109	Single TFT PC for LDMS	Single TFT PC for LDMS with 2 KVA UPS with 4 hrs. battery backup.
2	PVVNL-MM/MT/RDSS-SCD /126/24-25	BoQ Sr no. 141	Annual charges for 100MBps Links with Remote VDUs & FRTU (Link for MCC & DRCC) and Internet Link (for Web Browsing).	Annual charges for 100MBps Links with Remote VDUs & RTU (Link for MCC & DRCC) and Internet Link (for Web Browsing).
3	PVVNL-MM/MT/RDSS-SCD /126/24-25	SCADA_RFP_PVNL_REV_V2_Oct-2024-26.10.2024 – Noida Section IV Qualifying Requirement/ Eligibility Criteria	Group-A Only those bidders which meets the below mentioned minimum Qualifying Requirements shall be considered for further evaluation of Proposal. The bidder or members of the consortium & their holding company shall not be based in prior referenced countries as notified by MHA, GoI at the time of bidding at the time of Bidding and award. In case of a consortium bid, name of lead bidder shall be mentioned in the bid. The Bidder can be a Sole Bidder or a Consortium (of not more than two members i.e. one lead and one consortium partner) who shall meet the following along with identification of lead bidder in the bid.	This clause stands Deleted. For Qualification Requirement/ Eligibility Criteria, Refer to Clause 2 of RDSS SCADA SBD-Part-1 under UG & Other Infra Works.
4	PVVNL-MM/MT/RDSS-SCD /126/24-25	SCADA_RFP_PVNL_REV_V2_Oct-2024-26.10.2024 – Noida CHAPTER 10: TECHNICAL REQUIREMENT TS OF FRTU/ Clause No. 10.1 Design Standards	The FRTUs shall be designed in accordance with applicable International Electro-technical Commission (IEC), Institute of Electrical and Electronics Engineer (IEEE), American National Standards Institute (ANSI), and National Equipment Manufacturers association (NEMA) standards, unless otherwise specified in this Technical specification. In all cases the provisions of the latest edition or revision of the applicable standards in effect shall apply. The FRTU shall comply to IEC62351-3 for cyber security in communication and IEC62443-4-2 standard for cyber security for product including	Kindly Refer updated PFC Guidelines edition SCADA_RFP_REV_V3_Jan_2024 : As per latest edition of PFC, The FRTUs shall comply to IEC62351- 3 for cyber Security in Communication between the FRTU and Master station and IEC62443-4-2 standard for cyber security for product.

			testing requirement as per MoP order no 12/34/2020-T&R dtd 08.06.21 & CEA /PLG/R&D/MII/2021 dtd 11.6.21 and any amendment from time to time.	
5	PVVNL-MM/MT/RDSS-SCD /126/24-25	RDSS SCADA SBD, Part-1, Clause No 2 (Qualification Requirements/ Technical)	For the purpose of this particular bid, bidder shall meet the following minimum criteria in past 5 years (up to last completed financial year):	For the purpose of this particular bid, bidder shall meet the following minimum criteria in past 7 years (up to last completed financial year):
6	PVVNL-MM/MT/RDSS-SCD /126/24-25	RDSS SCADA SBD, Part-1, Clause No 2 (Qualification Requirements/ Technical)	<p>The following qualifying requirements QT1 shall be met by the sole bidder. In case of consortium bidding, QT1 to be met by one partner & QT2 to be met by another consortium partner (QR- Technical)</p> <p>QT1) - The bidder shall provide evidence of previous experience in the design, engineering, supply/integration, installation, testing and commissioning of at least one or cumulatively in multiple projects of SCADA & DMS/EMS (Supervisory Control and Data Acquisition System & Distribution Management System Projects for Power Distribution /Transmission/ (11KV or above) meeting the following requirements or Power distribution Utility or its subsidiary which has successfully awarded, operationalized the solution meeting the following requirements for its own organization in the last Fifteen (15) years from the bid submission date :-</p> <p>The above project(s) should consist of cumulative of all projects, at least 15 RTUs or Data Concentrator (DC or distributed RTUs) or Bay controller Unit (BCU or in combination of these items and 20 FRTUs. In case of multiple projects, each project shall have minimum 5 RTUs or Data Concentrator (DC) or Distributed RTU or Bay controller Unit (BCU or in combination of these items and above projects should have been awarded in last 15 Years & have been in operation for at least one year after completion during last 15 years from the bid submission date.</p> <p>OR</p> <p>The sole bidder shall submit manufacturer authorization form (MAF) from such OEM/Integrator who shall meet the experience criteria of QT1.</p> <p>QT2)- For other consortium partner (QT2A or QT2B)</p> <p>The bidder shall provide evidence of previous experience in the design, engineering, supply/integration, installation, testing and commissioning of at least one project or cumulatively in maximum 5 projects for Power Distribution /Transmission (11KV or above) Generation/ railways/ Oil/Gas sector in the last Fifteen (15) years. The projects meeting the following, should have been awarded in last 15 Years & have been in operation for at least one year after completion during last 15 years from the bid submission date.</p> <p>QT2A) - Electrical Infrastructure</p> <ul style="list-style-type: none"> • Minimum cumulatively 750 CKM of HT line (11KV or above), 5 nos. of new 33/11 	<p>The following qualifying requirements QT1 shall be met by the sole bidder or through MAF. In case of consortium/JV bidding, QT1 to be met by one partner & QT2 to be met by any other consortium/JV partner but in case of QT-1 met out by MAF then QT-2 to be met out by any partner of consortium/JV(QR- Technical).</p> <p>QT1) - The bidder shall provide evidence of previous experience in the design, engineering, supply/integration, installation, testing and commissioning of at least one or cumulatively in multiple projects of SCADA & DMS/EMS (Supervisory Control and Data Acquisition System & Distribution Management System Projects for Power Distribution /Transmission/ (11KV or above) meeting the following requirements or Power distribution Utility or its subsidiary which has successfully awarded, operationalized the solution meeting the following requirements for its own organization in the last Fifteen (15) years from the bid submission date :-</p> <p>The above project(s) should consist of cumulative of all projects, at least 15 RTUs or Data Concentrator (DC or distributed RTUs) or Bay controller Unit (BCU or in combination of these items and 20 FRTUs. In case of multiple projects, each project shall have minimum 5 RTUs or Data Concentrator (DC) or Distributed RTU or Bay controller Unit (BCU or in combination of these items and above projects should have been awarded in last 15 Years & have been in operation for at least one year after completion during last 15 years from the bid submission date.</p> <p>OR</p> <p>The bidder shall submit manufacturer authorization form (MAF) from such OEM/Integrator who shall meet the experience criteria of QT1.</p> <p>QT2)- For consortium/JV partner (QT2A or QT2B)</p> <p>The bidder shall provide evidence of previous experience in the design, engineering, supply/integration, installation, testing and commissioning of at least one project or cumulatively in maximum 5 projects for Power Distribution /Transmission (11KV or above) Generation/ railways/ Oil</p>

			<p>KV S/S & 50 nos. remote controllable Sectionalizer/RMUs/Communication gateways or DCUs.</p> <p>OR</p> <p>QT2B- SCADA or Substation Automation system Projects</p> <ul style="list-style-type: none"> • At least 15 RTUs or Data Concentrator (DC or distributed RTUs) or Bay controller Unit(BCU) or IED (Intelligent Electronic device) or in combination of these items. 	<p>/Gas sector in the last Fifteen (15) years. The projects meeting the following should have been awarded in last 15 Years & have been in operation for at least one year after completion during last 15 years from the bid submission date.</p> <p>QT2A) - Electrical Infrastructure</p> <ul style="list-style-type: none"> • Minimum cumulatively 750 CKM of HT line (11KV or above), 5 nos. of new 33/11 KV S/S & 50 nos. remote controllable Sectionalizer/ RMUs/Communication gateways or DCUs. <p>OR</p> <p>QT2B- SCADA or Substation Automation system Projects</p> <ul style="list-style-type: none"> • At least 15 RTUs or Data Concentrator (DC or distributed RTUs) or Bay controller Unit (BCU) or IED (Intelligent Electronic device) or in combination of these items
7	PVVNL-MM/MT/RDSS-SCD /126/24-25	Technical specification of OFC cables	Technical specification for OFC cables missing	Technical specification for OFC cables attached as Annexure-1 (TS OFC)

Note : Above amendments have been incorporated in SBD & BoQ of Re-tendering ID 2024_PVVNL_971735_2 of above said tender no. PVVNL-MM/MT/RDSS-SCD/126/24-25.


(M.P. SINGH)
SUPERINTENDING ENGINEER (MM-2)