



Email. revamppvvn@gmail.com

No.: 512 /PVVNL/ MT/MM/AMISP/LOA/51/23-24

Date : 19-04-2023

NOTIFICATION OF AWARD

To

M/s IntelliSmart Infrastructure Private Limited
Ground Floor Tower-A Unitech Business Park South City -1
Sector 41 Gurugram
Haryana -122001
E-mail: - gautam.kumar@intellismartinfra.in

Sub:-Notification of Award for the work of "Appointment of an Advance Metering Infrastructure Service Provider (AMISP) for Smart Pre-paid Metering on DBFOOT basis under the Revamp Reform Linked Results-based Distribution Sector Scheme (RDSS) in all 14 Districts of PVVNL Discom against Tender Specification No. PVVNL/MT/MM/AMISP/51/22-23 issued by PVVNL

Ref:

1. Tender Specification No. PVVNL/MT/MM/AMISP/51/22-23 issued by PVVNL Meerut, dated 6th August 2022.
2. Your proposal vide Letter no. INTELLISMART/AMISP/23-24/PVVNL/1 dated 6th April 2023.
3. Your proposal vide Letter no. INTELLISMART/AMISP/23-24/PVVNL/2 dated 6th April 2023.
4. Our LOI No. 174/ PVVNL/MT/MM/AMISP/51/22-23 dated 6th April 2023.
5. LOI acceptance Letter no. INTELLISMART/AMISP/23-24/PVVNL/3 dated 10th April 2023.
6. Your Letter No. INTELLISMART/AMISP/23-24/PVVNL/4 dated 13th April 2023.

Attn : Mr. Gautam Kumar

Dear Sir,

- 1.0 This is in reference to your Proposal in relation to the NIT no PVVNL/MT/MM/AMISP/51/22-23 along with amendments.
- 1.1 Amendment/Errata No. 5562/PVVNL-MT/MM/AMISP/51/22-23 Corrigendum 1 to bidding documents issued to you through e-tender mode dated 03.10.2022 (Annexure-1).
- 1.2 RFP (Request for proposal)/bidding documents for the subject package issued vide our letter Ref. No. **PVVNL /MT/MM/ AMISP/51/22-23** dated 06.08.2022, and downloaded by you from e-tender portal, comprising the following:
 - a) Tender Documents
 - b) BOQ
- 1.3 Technical Part (First envelope) of your Bid submitted/the Bid for the subject package through e-tender mode against tender specification No. PVVNL/MT/MM/AMISP/51/22-23 was opened on 19.10.2022.
- 1.4 Intimation for Opening of Financial Part (Second Envelope) of Bid issued to you vide our letter no. 7591/PVVNL/MT/MM/AMISP/51/22-23 dated 03.12.2022.
- 1.5 Price Part (Second Envelope) of your Bid/the Bid through e-tender mode against tender specification No. PVVNL/MT/MM/AMISP/51/22-23 was opened on 05.12.2022.
- 1.6 Pursuant to the evaluations of the Bid, your bid has been found to be acceptable.
- 1.7 A draft of the AMISP Contract was provided to you along with the RFP. Please note that there shall be no change whatsoever in the terms and conditions as set out in the draft Contract.
- 1.8 Post bid (Final negotiation meeting) was held at UPPCL with you on 29.03.2023, the submission of final proposal vide Letter no: INTELLISMART/AMISP/23-24/PVVNL/1 dated 06.04.2023 & INTELLISMART/AMISP/23-24/PVVNL/2 dated 06.04.2023 enclosed as Annexure-1 & 2 respectively.
- 1.9 Our LOI bearing reference No 174/ PVVNL/MT/MM/AMISP/51/22-23 Dated: 06.04.2023.

- 1.10 Your acceptance of LOI vide your reference no INTELLISMART/AMISP/23-24/PVVNL/3 dated 10.04.2023.
- 1.11 You are requested to take steps for incorporation of the SPV in terms of the RFP for execution of the AMISP Contract. The execution of the AMISP Contract shall happen only after you have furnished the performance security in terms of the RFP.
- 1.12 Please note that in the event of failure to comply with any terms and conditions of this Letter of Award, the entire Bid Security may be forfeited.
- 1.13 Any further correspondence in connection with the Project should be addressed to the “**Chief Engineer (RDSS) PVVNL Meerut**” with a copy to Chairman UPPCL/ Managing Director PVVNL, till further instructions are issued.
- 1.14 The terms and conditions as set out in this Letter of Award shall stand valid until execution of the AMISP Contract.

2.0 AWARD OF CONTRACT AND ITS SCOPE

- 2.1 We confirm having accepted your Bid (referred to at para 1.3, 1.5 & 1.8 above) read in conjunction with all the specifications, terms & conditions of the Bidding Documents (referred to at para 1.2,1.9) and specific confirmations recorded in the Record Notes of Post Bid Discussions (referred to at para 1.8 above), and LOI reference no. **174/PVVNL/MT/MM/AMISP/51/22-23 Dated: 06.04.2023** from this office and your acceptance and award on you the “Appointment of an Advance Metering Infrastructure Service Provider (AMISP) for Smart Pre-paid Metering on DBFOOT basis under the Revamp Reform Linked Results-based Distribution Sector Scheme (RDSS) in all 14 Districts of PVVNL Discom”.

Brief Scope of Work:

The Scope of work of AMISP shall include site survey, planning, designing, financing, engineering, manufacturing, supply, transportation & insurance, delivery at site, unloading, handling, storage, installation, integration, testing, commissioning, demonstration for acceptance, training, maintenance, operation and documentation of various AMISP components given below

1. Supply, installation, integration, testing and commissioning of:
 - ❖ Smart pre-paid metering along with Smart meter box installation and service cable for consumers, DTs and Feeders through 1-Ph, 3-Ph and LTCT.
 - ❖ Communication Infrastructure.
 - ❖ Head End System (HES) and deployment on cloud.
 - ❖ Meter Data Management system (MDM) and deployment on cloud.
 - ❖ Consumer portal and mobile application.
 - ❖ Network Operation cum Monitoring Centre (NOMC) with suitable backend communication infrastructure,
2. AMI System integration.
3. Consumer indexing.
4. Consumer engagement plan.
5. Generation of automated energy audit reports.
6. Operation, maintenance, and support services after the successful completion of the Operational Go- Live of the system.
7. Training of PVVNL personnel, as required for efficient operations.

The Overall completion period of work shall be 120 (One hundred Twenty) Months from the effective date of the contract. The work shall be completed as per the following project implementation schedule.

Project Implementation Schedule

S. No.	Milestone	Timeline
	Submission of detailed Project Implementation Plan giving the compliance sheet along with the make and model of various infrastructure, hardware & software that are proposed for delivery and operationsincl.: <ul style="list-style-type: none"> • Specification of System • Architecture and Software Solution 	Within [60] days from the date of execution of the Contract

2	Approval of detailed Project Implementation Plan by PVVNL	Within [15] days from the date of submission of Project Implementation Plan.
3	Delivery, site installation, integration and operationalization of 100% of Feeder Meters each with related hardware, software and equipment	Within [9] months from the date of execution of the Contract
4	<ul style="list-style-type: none"> • Delivery, site installation and commissioning of Network Operationscum Monitoring Centre with related hardware, software and equipment; and • Delivery, site installation, integration and operationalization of [5%] of Smart Meters each with related meter box, service cable, hardware, software and equipment and successful operational go-live 	Within [7] months from the date of execution of the Contract
5	Delivery, site installation, integration and operationalization of 50% of Smart Meter each with related meter box, service cable, hardware, software and equipment	Within [18] months from the date of execution of the Contract
6	Delivery, site installation, integration and operationalization of 100% of DT Meters each with related hardware, software and equipment	Within [18] months from the date of execution of the Contract
7	Installation Milestone	Within [27] months from the date of execution of the Contract
8	Certification of Installation Milestone in accordance with the provisions of this Contract by PVVNL	Within [15] days from the date of Installation Milestone.
9	Operational period of the AMI system	From Operational Go-Live till end of the Contract Period

- PVVNL shall provide necessary clearance/ approval/ permits that are to be issued by it for initial 20% of contiguous electrical locations for Smart Meter deployment along with related documentation within 6 (six) months from date of execution of this Contract. Furthermore, the PVVNL shall provide necessary clearance/ approval/ permits to be issued by it for remaining contiguous electrical locations as well as non-contiguous electrical locations for Smart Meter deployment along with related documentation on quarterly basis. PVVNL shall endeavour to provide 20% of contiguous electrical locations cleared each quarter and complete area within 18 (eighteen) months from date of execution of the Contract. In this connection, When AMISP undertakes smart metering in a specific Division, it should also make sure that the Division is completely saturated in terms of prepaid smart metering solution for consumers and System Metering.
- Notwithstanding the award of work for Completion of the Facilities under the Contract in the aforesaid manner, you shall be overall responsible to ensure the execution of the Contract to achieve successful completion and taking over of the Facilities/ Works under the package by the Employer as per the requirements stipulated in the Bidding Documents. It is expressly understood and agreed by you that any default or breach under the contract and any such default or breach or occurrence giving us a right to terminate the contract either in full or in part, and/or recover damages there under this contract as well, however such default or breach or occurrence in the Contract shall not automatically relieve you of any or your obligations under contract. It is also expressly understood and agreed by you that the Plant/equipment/goods/materials supplied by you under this contract when erected, installed & commissioned by you under the contract shall give satisfactory performance in accordance with the provisions of the contract.

3.0 CONTRACT PRICE

The total Contract Price for the entire scope of work under this contract shall be **Rs.75296633418.32/-** (INR Seven Thousand Five Hundred and Twenty Nine Crore Sixty Six Lakh Thirty Three Thousand Four Hundred & Eighteen and Paise Thirty Two Only) inclusive of GST as per the following break-up:

Sl. No.	Price Components	Amount(Rs.)
1.	Prepaid smart metering solution at consumer, DT and feeder level including integration of existing infrastructure	69,58,79,69,279.28 (INR Six Thousand Nine Hundred Fifty Eight Crore Seventy Nine Lakh Sixty Nine Thousand Two Hundred Seventy Nine and Twenty Eight Paise Only)
2.	Supply & Erection of Armoured cable for consumer in high loss area with all accessories including cable accessories and sundry items like lugs washers, nuts & bolts etc.	5,70,86,64,139.04 (INR Five Hundred Seventy Crore Eighty Six Lakh Sixty Four Thousand One Hundred Thirty Nine and Four Paise Only)
Total Contract Value		75,29,66,33,418.32 (INR Seven Thousand Five Hundred Twenty Nine Crore Sixty Six Lakh Thirty Three Thousand Four Hundred Eighteen and Thirty Two Paise Only)

3.1 Notwithstanding the break-up of the Contract Price, the Contract shall, at all times, be construed as a single source responsibility Contract and any breach in any part of the Contract shall be treated as a breach of the entire Contract.

3.2 Price Bid Submitted by you after the negotiation is as here below: -

A. Break up sheet for Smart metering solutions Amount:

Table -A

Sl. No.	Item Description	Quantity (B)	Units	Rate per Unit including all taxes and duties other than GST (in INR/ month/ meter)	GST applicable in %	AMISP Service Charge (in INR/ month/ meter)	Lumpsum payment per Unit (in INR/ meter)	Total cost for each category of meter in INR	TOTAL AMOUNT Without Taxes in INR	TOTAL AMOUNT With Taxes in INR
1	2	3	4	5	6	7	8	9	10	11
Meters (each with related hardware, software and equipment)										
1	Single phase whole current Smart Meter – Consumer Meter with Meter Box, Back-end IT Infra with associated works and requisite no. of polycarbonate seal	5832464	Nos	68.48	18%	80.81	900	49082109273.12	41595007858.58	49082109273.12
2	Three Phase whole current Smart Meter – Consumer Meter with Meter Box and Back-end IT Infra with associated works and requisite no. of polycarbonate seal	297290	Nos	100.21	18%	118.25	900	3536933452.50	2997401230.93	3536933452.50
3	Three phase LT-CT operated Smart Meter – Consumer Meter with CTs, control cables, without DI provisions Meter Box and Back-end IT Infra with associated works and requisite no. of polycarbonate seal	13507	Nos	231.82	18%	273.55	900	355776406.05	301505428.86	355776406.05
4	Three phase LT-CT operated Smart Meter – DT Meter with CTs, control cables, with DI provisions Meter Box and Back-end IT Infra with associated works and requisite no. of polycarbonate seal	531164	Nos	247.43	18%	291.97	3450	16255323436.44	13775697827.49	16255323436.44
5	Three phase CT/PT operated Smart Meter – Feeder Meter with CTs, control cables, with DI provisions Meter Box and Back-end IT Infra with associated works and requisite no. of polycarbonate seal	9349	Nos	291.36	18%	343.81	6300	357826711.17	303242975.57	357826711.17
Totals Amount									58972855321.42	69587969279.28

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Hannabai Singh
SE (AMISP)

10/05/2024

B. Break up sheet for LT Auxiliaries items (Supply & Erection of Armoured cable) Amount:

Table -B

Sl. No.	Item Description	Quantity (B)	Units	Unit Ex-Works Supply prices of Armoured Cable (in Rs/unit) (Excluding Taxes)	Unit Freight & Insurance charges of Armoured cable (in Rs./unit) (Excluding Taxes)	Unit Erection Charges of Armoured cable (in Rs./unit) (Excluding Taxes)	Total unit Rate of Armoured cable (Ex Works (Supply+F&I) & Erection (M))	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes
1	2	4	5	6	7	8	9	10	11
Supply of Armoured cable for consumer in high loss area (Supply of materials) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.									
1	Supply of Armoured consumer cable single phase (2CX6sqmm) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.	54751.24	Km	64406.4000	1610.1600		66016.5600	3614488520.53	4265096454.23
2	Supply of Armoured consumer cable Three phase (4CX16sqmm) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.	3382.18	Km	101694.9152	2542.3729		104237.2881	352549271.07	416008139.86
Erection of Armoured cable for consumer in high loss area (Erection of materials) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.									
3	Erection of Armoured consumer cable single phase (2CX6sqmm) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.	54751.24	Km			14491.4400	14491.4400	793424309.39	936240685.08
4	Erection of Armoured consumer cable Three phase (4CX16sqmm) with all accessories include cable accessories and sundry items like lugs washers, nuts & bolts.	3382.18	Km			22881.3559	22881.3559	77388864.30	91318859.87
Totals								4,83,78,50,965.3	5,70,86,64,139.04
Totals Contract Price in Rs. (Table A+B)								63,81,07,06,286.71	75,29,66,33,418.32

- 4.0 You are required to submit a performance security deposit @ 3% of the total contract value amounting **Rs. 2,25,88,99,003/-** (INR Two Hundred Twenty Five Crore Eighty Eight Lakh Ninety Nine Thousand Three only **including GST** within 14 (fourteen) Days of the receipt of Letter of Award from PVVNL,
- 5.0 All the bank guarantees shall be furnished from an eligible bank as described in the Bidding Documents.
- 6.0 Payments Terms and Conditions: -**
- The payment shall be made to the AMISP in Indian Rupees (INR) only
 - The payment to the AMISP shall commence only one month after Operational Go-Live as defined in Section 6.
 - The payments due to the AMISP from the Discom shall be paid on monthly basis as per the payment structure specified in SCC
 - Except in case of Change Order in accordance with SBD of this Contract, the sum total of all payments made to the AMISP shall not exceed the Contract Price quoted.
 - The actual payment shall be net of any applicable liquidated damages and/or penalty due to noncompliance of SLAs by the AMISP
 - AMISP will issue separate invoices for Smart Pre-paid Metering works (Smart Metering) and LT Auxiliary Components (Meant for Supply and Installation of Armoured cable).
 - In the event the AMISP fails to meet a particular performance criterion as mentioned under the Service Level Agreement (SLA) specified in Clause 7.7 of **Section 6** for cumulatively 3 (three) months in past 6 (six) months, resulting in the maximum penalty for the particular performance criterion, Utility may issue an SLA Default Notice to the AMISP directing it to take steps within 90 days to comply with the performance criterion specified in the SLA.
 - For lump sum payment (**First installment** - Ninety percent (90%) payment against Supply & Erection & **Second and Final Installment (10%)** against Auxiliary LT items, the AMISP shall raise and deliver a separate invoice on a quarterly basis with necessary required documents (as per Discom practice & procedure) and payment for the same shall be released by the Utility through electronic mode in designated

bank account of the AMISP. The payment against this invoice shall not be included as part of the direct debit mechanism and Utility shall reconcile and release the undisputed payment within 60 (Sixty) days of receipt of invoices along with requisite documents.

- ix. The final installment (10%) shall be released on successful completion of the milestone, upon issuance of Completion Certificate of the milestone and Auxiliary LT items shall be maintained during the entire contract period.
- x. In the event that meters need to be reinstalled as a result of vandalism, theft, etc., payment shall be made in accordance with the "Agreed Rate for Replacement of Meters X Number of Meters Replaced Due to Vandalism, Theft, etc. as Per Utility SOR Rate."
- Liquidated Damages, Penalty and Incentive shall be made as per provision of SBD in section -7
 - The quality of installation of the various equipment & power supply wiring to all field equipment shall be as per standards/ regulations/prevailing latest practices of the PVVNL.
 - In establishing the linkage of the consumer meter to the electric network, the asset (including the meter) codification as used by the PVVNL GIS (or as per standards set by the PVVNL) shall be strictly followed
 - In the event of change Note/change order for PT requirement Quantity (other than mentioned in SBD) will be mutually agreed cost if any required.
 - This Notification of Award constitutes formation of the Contract and comes into force with effect from the date of issuance of this Notification of Award
 - You shall enter into a Contract Agreement with us within Twenty-one (21) days from the date of this Notification of Award.
 - M/s IntelliSmart Infrastructure Private Limited shall be responsible to ensure the fulfillment all kind of SLA as stated in SBD irrespective of any up-gradation in technology.
 - Further, in respect of requirement of technology upgradation (from 4G to 5G), if any, during the contract period, the same will be on mutually agreed terms in line with the letter reference. INTELLISMART/AMISP/23-24/PVVNL/4 dated 13th April 2023.
 - Rest of terms and conditions shall remain as per Tender Specification No. PVVNL /MT /MM /AMISP /51 /22-23.

Please acknowledge the receipt and return the duplicate copy of this Letter of Award after signing and stamping it in all the pages to the undersigned as a token of acceptance.

Enclosure: As above.

With warm regards


(Arif Ahmed)

Chief Engineer (RDSS)

Date: 19-04-2023

No.: 512 /PVVNL/ MT/MM/AMISP/LOA/51/22-23

Copy forwarded to the following for information and necessary actions:

1. PS to Chairman UPPCL, Lucknow.
2. Managing Director, UPPCL, Lucknow.
3. Managing Director, PVVNL, Meerut.
4. Director (Distribution), UPPCL, Lucknow
5. Director (Finance), UPPCL, Lucknow
6. Director (Technical/Commercial), PVVNL, Meerut
7. Director (Finance), PVVNL, Meerut
8. Chief Engineer (Commercial), PVVNL, Meerut
9. Chief Engineer (RDSS), UPPCL,
10. Dy. CAO (Accounts), PVVNL, Meerut.
11. Ms. REC Limited, Plot No. I-4, Near IFFCO Chowk Metro Station, Sector-29, Gurugram-122001.
12. Project PMA/Feedback Infra Pvt. Limited, Gurugram.

Received 06 nos. of pages of 'Notification of Award', letter no 512/PVVNL/MT/MM/AMISP/LOA/51/23-24 dated 19/04/2023
(CHAKRABARTY)


(Arif Ahmed)

Chief Engineer (RDSS)