

Amendment No.1 dated 05.10.2018

Subject: Engagement of an Agency for the Establishment of MDAS at DC/DRC alongwith AMR facility on HT consumer meters in IPDS Towns & remaining Non-R-APDRP areas of DHBVN and its integration with various IT enabled business applications deployed under R-APDRP Part-A (IT) project against tender enquiry no. TER-28/Non-R-APDRP/MDASIT-Phase/2018.

The following clauses of the RFP have been amended /clarified:-

Sr. No.	Clause No & Page no.	Clause Description	Amendment/Clarification
1	iv , 16	The bidder must possess valid ISO 9001:2015 certification & ISO 14001:2004 for environmental management system, ISO 20001:2013 for Information security for development, maintenance and support of software applications and electronic/IT products	The said clause of RFP may be read as under: - The bidder must possess valid ISO 9001:2015 certification & ISO 14001:2004 for environmental management system, 27001:2005 (information security management system (ISMS) standard).
2	B ,19	Wherever required the bidder shall only provide enterprise wide license without constraint of number of CPU / Core / Number of Users / Number of Consumers for all system software	As per RFP clause.
3	23	Part I – It will comprise of terms and conditions of the NIT, technical specifications, qualifying criteria documents (Technical & Financial) and all other relevant information except the price schedule. Part II – Price schedule. Each part and envelope containing bid security should be sealed in separate / individual covers clearly marked on the outside so as to identify each envelope, without opening the covers. All the sealed envelopes should be properly tagged and placed in one common sealed cover bearing on the top “NIT No. _____ due on _____, Name of the work, Name of bidder with address, Validity Period _____ and particulars of bid security” against each work for establishment of Substations and lines on turn-key basis.	The bid (Technical and Commercial) should be submitted online. However, hardcopy of Technical bid (Part-I) should also be submitted physically on the due date of opening of bid.
4	32,30	The Purchaser reserves the right to increase/decrease the quantity / value of works by 25% before the signing of contract and/or during the currency of the contract at the same rate terms and conditions	As per RFP clause.
5	3.5.1, 39	The Bidder shall provide training for installation and maintenance staff of the Purchaser free of cost, where required	The same shall be finalized with successful bidder.

6	3.18,44	DHBVN, by Notice sent to supplier may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the DHBVN convenience, the extent to which performance of supplier under the Contract is terminated, and the date upon which such termination becomes effective.	As per RFP clause.
7	1,47	The MDAS shall be hosted on centralized Server at DC/DRC which shall be provided by DHBVN as per the solution architecture to be finalized with the successful bidder. As per the proposed system, the meter data shall be stored by Modem in 15/30 minutes' interval and transferred to Central MDAS for the 24 hours' period on daily basis or any such period as required by DHBVN	As per RFP clause.
8	1,47	In addition to above, DHBVN would also like to expand the ambit of the O&M activities beyond the above scope of work on the discovered prices for O&M activity on the HT consumers under 18 RAPDRP towns (Detailed provided in the below table) shall be included for the O&M activities as per the O&M scope envisaged under RFP and SLA for modem	<ol style="list-style-type: none"> 1. All the existing installed HT consumers meters from the leading manufacturer i.e Secure, L&G, L&T, Genus & HPL etc are DLMS complaint. This list of meter manufacturers is not exhaustive and in near future some more may be added. 2. The warranty of all modems have been expired. 3. Existing Modems are not required to be integrated with the new MDAS.
9	Development and Implementation, 3, 48	Provide Install, operate & maintain the required network connectivity at slave location and suitable connectivity at central server level.	Required SIMs for the Modems shall be provided by Nigam besides the GPRS backbone at DC/DRC
10	3 IMPLEMENTATION AND ROLLOUT SCHEDULE,49	Supply & installation of hardware viz. modems, SIM card and other accessories	It is clarified that SIM card shall be provided by the DHBVN. However, the account for the installation of SIMs shall be maintained by the successful bidder as per the requirement of Nigam.
11	Web Portal Features,79	Web Portal Features:- A Web Interface is provided to the MDA server system using which at web based client can access the system through internet explorer browser. The web based client has full functionality for data display and control. The web client is implemented using Microsoft Internet information server (MIIS).	Yes, the required IT infrastructure shall be provided by DHBVN.

12	Meter data acquisition system,82-112	Meter data acquisition system	Requirement of MDAS shall be as per the RFP. However, the DB has to be built by the successful bidder using the existing Oracle DB licenses with DHBVN.
13	iv ,13	The source code of the customized part of the application software will remain the exclusive property of the DHBVN, even after the termination or expiry of the contract.	The clause in RFP is amply clear.
14	Tender Notification: Page No.4	EMD of amount Rs. 10 lakhs in form of BG	As per RFP clause.
15	Tender Notification: Page No.18 Cl. No. 5 (iv)	The source code of the customized part of the application software will remain the exclusive property of the DHBVN, even after the termination or expiry of the Contract. The ownership shall also remain with the respective DHBVN in case the selected vendor fails to execute tasks to the satisfaction of the respective DHBVN.	The clause in RFP is amply clear.
16	Tender Notification: Page No.18 Cl. No. 5 (Xiii) C	All the licenses shall be owned by DHBVN even after the end of period of 5 years from the date of "GO- LIVE". DHBVN and any new power distribution entity that emerges in Haryana shall have complete right to use these licenses.	As per RFP clause.
17	Tender Documents: Page No. 28 Cl. No. 27	<p>The price discovery for the award of project shall be generally determined the L1 bidder as per above procedure and the negotiations, if any, held with the lowest bidder. However, the award of works negotiations could be held up to L3 bidder, if the difference between the L1 quoted rate and those quoted by the L2 and L3 is within 5% of the L1 quoted rates. In cases where the L1 bidder refuses to further reduce his offered price and the L2 or L3 bidder comes forward to offer a price which is better than the price offered by the L1 bidder, the bidder whose price is accepted becomes L1 bidder. However, in such a situation, the original L1 bidder shall be given one more opportunity to match the discovered price. In case of acceptance, he would be treated as the L1 bidder.</p> <p>Tenders shall be decided as per the prevailing instructions of Government of Haryana/Nigam.</p>	The clause in RFP is amply clear.

18	Tender Documents: Page No.33 Cl. No. 42 (2.4)	Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt the data and sign the hash during the stage of bid preparation & hash submission.	The bid (Technical and Commercial) should be submitted online. However, hardcopy of Technical bid (Part-I) should also be submitted physically on the due date of opening of bid.
19	Tender Documents: Page No. 30 Cl. No. 32	Quantity Variation: The Purchaser reserves the right to increase/decrease the quantity / value of works by 25% before the signing of contract and/or during the currency of the contract at the same rate terms and conditions.	As per RFP clause.
10	Tender Documents: Page No. 40 Cl. No. 3.6.6	Software: The Contractor shall warrant that the Software shall be free from defects for a period of Sixty (60) calendar months commencing immediately upon the commissioning of Software and successful integration with all states.	The said clause may read as under: Software: The Contractor shall warrant that the Software shall be free from defects for a period of Sixty (60) calendar months commencing immediately upon the commissioning of Software and successful integration with all modules.
11	Tender Documents: Page No. 41 Cl. No. 3.9.3	In the event of breach of any of the terms and conditions by the firm, the Employer can terminate the Contract and shall encash the PBG without any notice to the firm at any stage and the firm shall have no claim whatsoever on the Employer on this account. But the Contractor shall be liable to pay to the Employer a sum equivalent to 5% of the value of the Contract as liquidated damages and not as penalty.	As per RFP clause.
12	Tender Documents: Page No. 44 Cl. No. 3.18	Termination for Convenience: (a) DHBVN, by Notice sent to supplier may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the DHBVN convenience, the extent to which performance of supplier under the Contract is terminated, and the date upon which such termination becomes effective.	As per RFP clause.
13	Tender Documents: Page No. 52	Bill of Material: 1. With respect to MDAS:-Deployment of a fully customized, configured and functional AMR base Meter Data Acquisition & analysis software (Duly integrated with the existing R-APDRP system) for DC & DR including modem diagnostic software, file conversion software including interface for MRI/CMRI data file uploading into MDAS and modem configuration & troubleshooting software.	As per RFP clause. The existing system of DHBVN is capable of consuming the CDF file as per the industry standard.

14	Tender Documents: Page No. 55 Cl. 6.2 Payment Terms	Supply, Installation, testing, Commissioning & Configuration of Hardware (Modem) □ 40% of modem H/W cost quoted for respective Subdivision.	As per RFP clause.			
15	Tender Documents: Page No. 55 Cl. 6.2 Payment Terms	Supply, Installation, testing, Commissioning & Configuration of Hardware (Modem) □ 40% of modem H/W cost quoted for respective subdivision and 80% of the installation cost for modem H/W.	As per RFP clause.			
16	Tender Documents: Page No. 55 Cl. 6.2 Payment Terms	Supply, Installation, testing, Commissioning & Configuration of MDAS □ 80% of cost quoted for MDAS including its implementation cost.	As per RFP clause.			
17	Tender Documents: Page No. 55 Cl. 6.2 Payment Terms	Supply, Installation, testing, Commissioning & Configuration of MDAS □ 80% of cost quoted for MDAS including its implementation cost.	As per RFP clause.			
18	Tender Documents: Page No. 57 Cl. 6.3 SLA	Criteria of critical major, minor issues	Support Category	Criteria	Resolution	Maximum Response Time
			Critical	The system is unable to be used for normal business activities. There is certainty of financial loss to PURCHASER.	90 Minutes	15 Minutes
			Major	There is a problem with part of the system, which impacts on Purchaser's decision making. No viable workaround is available. There is a likelihood of financial loss.	4 Hours	1 Hour
			Minor	A low impact problem that affects the efficiency of users but has a simple workaround.	12 Hours	8 Hours

19	Tender Documents: Page No. 59 Cl. 6.4	A. PENALTY FOR DELAY : For any delay in implementation and rollout schedule, as per Clause, a penalty @1/2% (Half percent) per week or part thereof shall be levied / recovered subject to a maximum of10% (ten percent) of the contract value	The said clause may be read as under:- PENALTY FOR DELAY : For any delay in implementation and rollout schedule, as per Clause, a penalty @1/2% (Half percent) per week or part thereof shall be levied / recovered subject to a maximum of10% (ten percent) of the value of undelivered work as per contract.
20	Tender Documents: Page No. 63 Price Table – III (O&M Charges)	5 Years Operations & Maintenance Cost post enterprise level project completion (In IPDS/RAPDRP & Non R-APDRP areas) ₹10655 Nos.	It has already been mentioned in the RFP under Scope of Work that "DHBVN would also like to expand the ambit of the O&M activities beyond the above scope of work on the discovered prices for O&M activity on the HT consumers under 18 R-APDRP towns shall be included for the O&M activities."
21	Tender Documents: Page No. 74 Cl. 24.3	The modem shall be suitably pre-configured for meter reading & transferring the data to the DC/DRC.	DC & DRC are the exact replica of each other.
22	Tender Documents: Page No. 63 Clause 6	6. Data communication facility/infrastructure shall be provided by DHBVN. The bidders are not supposed to include any recurring charges on account of the communication facility.	It is clarified that SIM card shall be provided by the DHBVN. However, the account for the installation of SIMs shall be maintained by the successful bidder as per the requirement of Nigam.
23	General	SMS Gateway	The detail w.r.t. SMS gateway shall be provided by DHBVN.
24	Tender Documents: Page No. 59 Cl. 6.4	B. PENALTY FOR PERFORMANCE	As per RFP clause.
25	Warranty of existing Modems	Please provide details for existing modems.	The warranty of the existing modem has been expired.
26	5. Years Operations & Maintenance cost post enterprise level project completion (IN IPDS R-APDRP & Non R-APDRP areas) for 10655 quantity.	Present day communication status of existing 6260 Nos. modems.	Avg 3150 no. modems are being read on daily basis.

27	INSTRUCTIONS TO BIDDERS 4. ELIGIBILITY CRITERIA: - i. General Eligibility Criteria for bidders shall be as under:	5. No deviations from terms and conditions of Bid document. - Proforma for 'no deviations' document duly filled and signed by the bidder is to be provided to the Employer.	As per RFP clause.
28	INSTRUCTIONS TO BIDDERS Clause No. 24.6	The evaluation of the ranking shall be carried out on the landed price of goods offered inclusive of all taxes. Clause No. 27. Award Criteria a. The Evaluation will be done on the total project cost	It is clarified that the Evaluation will be done on the total project cost excluding applicable taxes.
29	INSTRUCTIONS TO BIDDERS Clause No. 34	Storage of Material The Bidder shall store all the Material/Equipment in the well-maintained Store at his cost. All the services required for maintaining the Stores shall also be at the cost of the Bidder.	As per RFP clause.
30	Scope of Work 1. Broad Scope of Work	In case of no communication/network available, the implementation agency may also acquire meter data through MRI/CMRI. The minimum automatic data inflow requirement for no penalty is 90%. Therefore, bidder can acquire data of 10% of total number of HT consumer meters through MRI/CMRI for the purpose of payment/incentive	As per RFP clause.

31	<p>Scope of Work</p> <p>1. Broad Scope of Work</p>	<p>In addition to above, DHBVN would also like to expand the ambit of the O&M activities beyond the above scope of work on the discovered prices for O&M activity on the HT consumers under 18 RAPDRP towns (Detailed provided in the below table) shall be included for the O&M activities as per the O&M scope envisaged under RFP and SLA for modem shall be applicable:-</p>	<ol style="list-style-type: none"> 1. All the existing installed HT consumers meters from the leading manufacturer i.e Secure, L&G, L&T, Genus & HPL etc are DLMS complaint. This list of meter manufacturers is not exhaustive and in near future some more may be added. 2. All modems are of Secure make. 3. In case of meter failure, the same shall be replaced by utility and for the modem responsibility lies with successful bidder. 4. It is clarified that SIM card shall be provided by the DHBVN. However, the account for the installation of SIMs shall be maintained by the successful bidder as per the requirement of Nigam. 5. All the meters are accessible to read through CMRI. 6. It shall be responsibility of the successful bidder to arrange APIs and MRI S/W i.e BCS.
32	<p>Scope of Work</p> <p>1. Broad Scope of Work</p>	<p>The scope of work of System Implementation Agency is as follows:</p> <p>3. Provide Install, operate & maintain the required network connectivity at slave location and suitable connectivity at central server level.</p> <p style="text-align: center;">Section-VII FINANCIAL BID FORM</p> <p>6. Data communication facility/ infrastructure shall be provided by DHBVN. The bidders are not suppose to include any recurring charges on account of the communication facility.</p>	<p>Required SIMs for the Modems shall be provided by Nigam besides the GPRS backbone at DC/DRC</p>
33	<p>Section-V Bill of Material</p>	<p>Note: -</p> <p>2. It is expected that the AMR nodes under the jurisdiction of DHBVN may grow @10% per year which results into the requirement for additional quantities of GPRS modems during the O&M phase. In order to meet with this additional requirement of GPRS modems during the O&M phase, DHBVN will ask the successful bidder to deploy additional modems under its jurisdiction on the discovered rates for modems and shall further ask the bidder to carry out the O&M for the same. This quantity variation however shall be over and above the quantity variation specified under Clause No 32 of ITB.</p>	<p>The end date of O&M shall remain sacrosanct. However, warranty of the modem H/W shall be as per the warranty clause.</p>
34	<p>Section-VI General (Commercial) Conditions of Contract 6. 2. PAYMENT TERMS</p>	<p>6.2.2 The terms of payments towards the O&M activities will be Performance (output) based, where the payments towards the O&M activities are made quarterly for measured deliverables and outputs. The SLAs will govern the penalty and reductions from payments for inferior deliverables.</p>	<p>As per RFP clause.</p>

35	Section-VI General (Commercial) Conditions of Contract	6.3 Service Level Agreement (SLA)	As per RFP clause
36	Section-VI General (Commercial) Conditions of Contract	6.4 PENALTY FOR DELAY & PERFORMANCE: B. PENALTY FOR PERFORMANCE	As per RFP.
37	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	The acquired data is pushed to the Data centre over GPRS network or any such network i.e. GSM/3G/Edge/4G shall support simultaneously data acquisition from AMRs devices/modems.	The technical specification is amply clear.
38	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	The modem should have in-built intelligence and high speed data transfer rate or a kind of store-forward facility by which data from the meter is read at regular intervals and stored in Modem's internal memory (Min 10 MB NV data memory) and forwarded to Data Center/DRC (as configured).	The technical specification is amply clear.
39	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	Key Features of Modem: • On demand SMS request through SMS for Instantaneous Parameters	The technical specification is amply clear.
40	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	Key Features of Modem: • Data shall be encrypted & compressed during data transfer	The technical specification is amply clear.
41	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	2.2.1 The module shall operate in Quad Band GSM 850/900/1800/1900MHz. 2.4.4 Modem should be Quad band AMR capable of operating at 850/900 and 1800/1900 MHz GSM transmission.	The technical specification is amply clear.

42	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	4. Mechanical Specifications:- The Mechanical Specifications of the modem shall be as under:- The modem shall comply with IP55 rating. (Required certificate issue by any Govt./NABL accredited lab is to be submitted along with the bid)	The technical specification is amply clear.
43	Annexure-3 2.0 TECHNICAL SPECIFICATION OF MODEMS:-	5. Environmental specifications: - The modem shall meet the following environmental specifications: Temperature: -20 degrees to +60 degree & storage temp: -40 degree to +80 degree and Humidity: 95% RH (non – condensing). (Required certificate issue by any Govt./NABL accredited lab is to be submitted along with the bid).	The technical specification is amply clear.
44	Page 47, title	selected HT consumer meters in R-APDRP/IPDS Towns remaining Non-R-APDRP areas of DHBVN	MDAS system required under the present RFP shall be as per the scope of the work defined in the RFP.
45	Page 47, clause 1	As per the proposed system, the meter data shall be stored by Modem in 15/30 minutes' interval	The technical specification is amply clear.
46	Page 47, para 2	Compatible with different makes of Modems)	Read the meters in place of modems in the referred sentence.
47	Page 47, para 2	System Implementing Agency shall design and develop the MDAS application compatible with the existing IT Infra of utility, host the MDAS on the DC/DRC Server to be provided by DHBVN, provide the modems on the identified nodes.....	The detail of existing IT infra has already been mentioned in RFP.
48	Page 52, last point	On System testing by Vendor & management confirmation that fully functional MDAS is received, deployed and integrated with existing R-APDRP system successfully as per the Work order.	The successful bidder shall do the integration with the existing R-APDRP modules i.e.. CCB, GIS, EA

49	Page 47, last para	In addition to above, DHBVN would also like to expand the ambit of the O&M activities beyond the above scope of work on the discovered prices for O&M activity on the HT consumers under 18 RAPDRP towns (Deatiled provided in the below table) shall be included for the O&M activities as per the O&M scope envisaged under RFP and SLA for modem shall be applicable:-	As per RFP clause.
50	Page 48, last point	In case of requirement Cyber Security Audit for carrying out the assignment under the tender, the same shall be in the scope of selected Agency which needs to be necessarily carried out by an Indian Computer Emergency Response Team (CERTin) empaneled security auditor.	As per RFP clause.

-sd-
**Chief Technology Officer,
DHBVN, Hisar**