

## Pre-Bid queries response against RFP for Installation, Operation & Maintenance of Telemetric Water Level Recorder(TDWLR) under Atal Bhujal Yojana.

S.No.	Name of the Firm	RFP Page No.	RFP Rule No.	Rule Details	Query/ Suggestion/ Clarification	Change/ Clarification Remarks
1	AKSH OPTIFIBRE LIMITED Ground Floor, Urbana Jewels, Opposite Muhana Terminal Market, Jaipur	8	Section 3 : Qualification/Eligibility Criteria point no. 4 Technical Capability	<p style="text-align: center;"><i>Technical Capability:</i></p> <p><i>(1) The bidder must have successfully completed or partial completed with requisite amount, one project of Installation, Operation &amp; Maintenance of Telemetric Water Level Recorder or similar nature of work not less than the amount of Rs. 02.00 Crores in India. during last five FY i.e 2017-18, 2018-19, 2019-20, 2020-21 and 2021-22. The definition of similar nature of work is given as " Similar nature of work contains all the equipments which measures the telemetric water level of any application. "</i></p>	<p style="text-align: center;"><i>We request you to please consider the definition of similar nature of work as " any smart solution having sensors which measures the level of water and send the information to command control centre/NoC."</i></p>	<p style="text-align: center;"><b>Technical Capability:</b></p> <p><b>(1) The bidder must have successfully completed or partially completed with the requisite amount, one project of Installation, Operation &amp; Maintenance of Telemetric Water Level Recorder or any type of smart solution having sensors which measures the level of water etc. and send the information to our web application &amp; Mobile App. similar nature of work not less than the amount of Rs. 02.00 Crores in India.</b></p> <p><b>During last five FY i.e 2017-18, 2018-19, 2019-20, 2020-21 and 2021-22. The definition of similar nature of work is given as "Similar nature of work contains all the equipment which measures the telemetric water level of any application. "</b></p>
		8	Section 3 : Qualification/Eligibility Criteria point no. 2 Financial Turnover	As per published audited balance sheets, the Average Annual Turnover of the bidder from IT/ ITeS/Telecom/SCADA for last three financial years i.e. 2018-19, 2019-20 and 2020-21, should be at least Rs. 05crores in last 3 years.	We request you to kindly consider " As per published audited balance sheets, the Average Annual Turnover of the bidder from IT/ ITeS/Telecom/SCADA for last three financial years i.e. 2018-19, 2019-20 and 2020-21, should be at least Rs. 24 crores in last 3 years. <b>Justification :</b> Since the project estimate is 8 Cr . , the bidder should be capable financially to execute the project in future . So we request you to consider financial turnover that is 3 times the value of project which amounts to 24 Cr.	As per RFP
		13	Section 4 : Scope of Work Point D : Facility Management Services - Service Engineer	B-Tech( in IT/CS/ Industrial/ Electrical/Electronic & communication with 3 year Experience OR Polytechnic Diploma IT/CS/ Industrial/ Electrical/Electronic & communication with 5-year ExperienceOR ITI in IT/CS/ Industrial/ Electrical/Electronic & communication with 8-year ExperienceOR Technician 10 year Experience in relevant field.	B-Tech( in IT/CS/ Industrial/ Electrical/Electronic & communication with 2 year Experience OR Polytechnic Diploma IT/CS/ Industrial/ Electrical/Electronic & communication with 3-year ExperienceOR ITI in IT/CS/ Industrial/ Electrical/Electronic & communication with 5-year ExperienceOR Technician 8 year Experience in relevant field.	As per RFP
		13	Section 4 : Scope of Work Point D : Facility Management Services - Web Site Developer/Mobile App Developer	B-Tech with 5 year Experience in IT/CS.	B-Tech with 2 year Experience in IT/CS.	B-Tech with 3 year Experience in IT/CS.

16	Section 4 : Scope of Work Point D : Facility Management Services - point iX : Help Desk support	The SI shall provide 24 x 7 help desk support to GWD/RISL with minimum one person at every time.	We request you to kindly consider this "The SI shall provide 8 x 5 help desk support to GWD/RISL with minimum one person at every time" <b>Justification</b> : Since this service does not fall under critical service so round the clock support is not required. In case on some occasion , Whenever department requires , the manpower shall report and work as per the need.	The SI shall provide help desk support to GWD/RISL with minimum one person from 9.30 AM to 6.30 PM for 6 days in a week.
17	Section 4 : Scope of Work Point D : Facility Management Services - point 2. Responsibilities of Ground Water Department	To provide User acceptance Testing (UAT) reports as per bid document Serial No. Delivery & Installation	We request you to kindly consider putting the responsibility of signing UAT under RISL. <b>Justification</b> : UAT sign off shall be under RISL as RISL has technical as well as IT expertise than GWD department so bidder need to coordinate and communicate with RISL only and bidder need to submit the complete documentation to RISL with Invoice for payment realisation.	<ul style="list-style-type: none"> <li>Concern field officer of GWD will provide Installation &amp; commissioning report. In case field officer not verify any installation and commissioning reports then OIC Atal Bhujal Yojana project, GWD/OIC RISL/concern district SA/ACP/Programmer may verify installation and commissioning reports after field visit and verification.</li> <li>After receiving all installation and commissioning reports from concern district, OIC Atal Bhujal Yojana project, GWD/OIC RISL jointly verify the final commissioning report by enclosing satisfactory data available report from the portal. This report will be considered as UAT.</li> </ul>
24	Section 14 : Evaluation and Tabulation of Financial Bids point e.	<p><i>e) In order to decide the L1 bidder, NPV (Net Present Value) of the quarterly payable amount shall be taken in to account as given below:</i></p> <ul style="list-style-type: none"> <li>Price quoted for CAPEX = A</li> <li>Price quoted for OPEX = B</li> <li>Payment made to SI before FMS Period from quoted CAPEX = C</li> <li>Payment remaining with tendering authority of CAPEX = D</li> <li>Total quarters for which quarterly payment to be made during FMS period: 40 quarters</li> <li>Quarterly Payable amount during FMS period = <math>\{(D+B)/40\} = E</math></li> <li>PV factor = Considering 3% per quarter i.e. 12% annually</li> </ul> $NPV = C + [E/1.03] + [E/(1.03)^2] + [E/(1.03)^3] + [E/(1.03)^4] + [E/(1.03)^5] + \dots + [E/(1.03)^{40}]$	We request you to kindly change declaration of L1 bidder on the basis of lowest cost quoted by bidder cumulatively for CAPEX and OPEX. Least Cost Based System ( LCBS ).	<p><i>e) In order to decide the L1 bidder, NPV (Net Present Value) of the quarterly payable amount shall be taken in to account as given below:</i></p> <ul style="list-style-type: none"> <li>Price quoted for CAPEX = A</li> <li>Price quoted for first 5 year OPEX = B</li> <li>Price quoted for 6th to 10th year OPEX is denoted respectively = B1, B2, B3, B4, B5</li> <li>Payment made to SI before FMS Period from quoted CAPEX = C</li> <li>Payment remaining with tendering authority of CAPEX = D</li> <li>Total years for which quarterly payment to be made during FMS period: 10 years</li> <li>Quarterly Payable amount during First 5 year FMS period = <math>\{(D+B)/20\} = E</math></li> <li>Quarterly Payable amount during 6th year FMS period = <math>\{(B1)/4\} = E</math></li> <li>Quarterly Payable amount during 7th year FMS period = <math>\{(B2)/4\} = E</math></li> <li>Quarterly Payable amount during 8th year FMS period = <math>\{(B3)/4\} = E</math></li> <li>Quarterly Payable amount during 9th year FMS period = <math>\{(B4)/4\} = E</math></li> <li>Quarterly Payable amount during 10th year FMS period = <math>\{(B5)/4\} = E</math></li> <li>PV factor = Considering 3% per quarter i.e. 12% annually</li> </ul> $NPV = C + [E/1.03] + [E/(1.03)^2] + [E/(1.03)^3] + [E/(1.03)^4] + [E/(1.03)^5] + \dots + [E/(1.03)^{40}]$

49	Section 6 - Special Terms and Conditions point 1) Payment terms	Supply of TDWLR's devices in T1+2 weeks	We request you to kindly change it to T1+10 weeks as 2 weeks will be too short for supplying these items as there is global shortage of parts of these TLWRs	Supply of TDWLR's devices in T1+6 weeks
49	Section 6 - Special Terms and Conditions point 1) Payment terms	Successful installation of all the hardware, network connectivity and data transmission for respective phase in T+12 weeks	We request you to kindly change it to T+15 weeks for the same reason mentioned in point 8.	As per RFP
49	Section 6 - Special Terms and Conditions point 1) Payment terms	<b>50% of CAPEX cost of TDWLR released on the completion of installation of all the equipmentsin respective Total 1004 devices will be install in four phases and phase supply order provided separately</b>	We request you to kindly consider this " 50% of CAPEX on supply and delivery of material . 40% on successful installation. 10% in 5 years " <b>Justification</b> : We request you for this as holding 50% payment for 5 Years will not be stable for us as SI.	<b>70% of CAPEX cost of TDWLR released on the completion of installation of all the equipmentsin respective Total 1004 devices will be install in four phases and phase supply order provided separately</b>
49	Section 6 - Special Terms and Conditions point 1) Payment terms	70% of CAPEX cost of web portal and mobile app	We request you to kindly consider this "90% of CAPEX cost of web portal and mobile app"	90% of CAPEX cost of web portal and mobile app
82	Annexure 15	Table provided in Annexure 15 is not clearly visible	We request you to please provide Excel of the same or clear version for better understanding	Clear Excel sheet has been made available in revised RFP
51	Section 6 - Special Terms and Conditions point 2) Service Level Standards/Requirements/Agreement	Within 72 hours of lodging the complaint - there will be no penalty	We request you to change it to 120 hours and consider this "Within 120 hours of lodging complaint - No penalty " And please change it in point 2 and 3 accordingly.	As per RFP
51	Section 6 - Special Terms and Conditions point 2) Service Level Standards/Requirements/Agreement	Time taken for resolving the issue Mobile App/ Web site - After 24 hours of lodging the complaint	We request you to kindly change it from 24 hours to 48 hours.	As per RFP
51	Section 6 - Special Terms and Conditions point 2) Service Level Standards/Requirements/Agreement	Time taken for resolving the issue Mobile App/ Web site - Till 72 hours of lodging the complaint	We request you to kindly change it from 72 hours to 120 hours.	As per RFP
NA	<b>New</b>	NA	We request you to kindly ensure and arrange availability of Electric Connection at each Borewell location	As per RFP
NA	<b>New</b>	NA	We request you to kindly ensure that at every borewell submersible motor is not installed as the sensor will not work or will not send the data when the submersible motor is operational.	As per RFP
NA	<b>New</b>	NA	As data from sensor located at the bottom of Borewell and to get the data from sensor to decoder installed at top of the borewell , the depth of each borewell is required for the estimation of Electric and Data cable cost	As per Revised RFP Per Meter Cost of Data cable.
NA	<b>New</b>	NA	SLA on bidder shall not be counted in case of failure of electricity for the duration in which power supply is not available.	As per RFP
56	GSM & GPRS Transmitter	new clause	minus 5 degree C to 60 degree C (temperature must be hardened for GPS transmitter, to place in field environment)	As per RFP
56	<b>GSM &amp; GPRS Transmitter</b>	<b>new clause</b>	<b>2 GE LAN/WAN Ports, RS-232 port, can work on 9V DC supply, Fanless device (having physical ports allow to connect with wired connection in case of local data extraction and wired WAN connections)</b>	As per RFP

		56	GSM &GPRS Transmitter	new clause	must support CAT4 LTE, Dual micro SIM slot with Aniti theft lock (CAT 4 LTE make the GSM to communicate in high speed.)	As per RFP
		56	<b>GSM &amp;GPRS Transmitter</b>	<b>new clause</b>	<b>end-to-end security with Advanced Encryption Standard (AES) encrypted IPsec tunnel. (securiy cluse is mndatory to avoid the attacks)</b>	As per RFP
2	Encardio-rite Electronics Pvt. Ltd. A-7, Industrial Estate, Talkatora Road, Lucknow – 226 011, I N D I A		Estimated Procurement Cost:	<b>Estimated Procurement Cost:</b> Rs.8,50,00,000/- (Rupees Eight Crore fifty lakhs Only) (Incl. all taxes and levies)	Estimated Procurement cost mentioned in tender is too low for the said work inclusive of Supply, Installation, Testing, Integration and Maintenance of Digital Water Level Recorders (TDWLR) with telemetry system in the identified piezometers including arrangements for protection box of appropriate size for security and with 10 years CMC. Please review and confirm.	As per RFP
		Page 56 of 82	<b>ANNEXURE-2 : TECHNICAL SPECIFICATIONS (A) Page 56 of 82</b>	<b>Display Unit:</b> <b>Data logger shall have a display unit which will show the real time data (24X7)</b>	<b>Real time data can be seen with laptop/mobile whenever during installation or any inspection/calibration visits are made so display unit should not be asked in order to save power for remote site as well as for telemetry system. Moreover, LCD display Ultraviolet rays in direct sunlight can also cause the chemicals in the LCD to deteriorate, shortening the life of your screen. Please confirm</b>	<b>Display Unit:</b> <b>Data logger shall have a display unit which will show the real time data (24X7)/2.9 inch E- Paper Module.</b>
		Page 40 of 82	5. GENERALTERMS AND CONDITIONS OF TENDER & CONTRACT Clause 20 Page 40 of 82	<b>Insurance:</b> a) The goods will be delivered at the destination godown in perfect condition. The Goods supplied under the Contract shall be fully insured against loss by theft, destruction or damage incidental to manufacture or acquisition, transportation, storage, fire, flood, under exposure to weather and delivery at the designated project locations, in accordance with the applicable terms. The insurance charges will be borne by the supplier and Purchaser will not be required to pay such charges if incurred.	The purchaser will be responsible for any theft or vandalism after commissioning and final acceptance. Please confirm	As per RFP
		Page 40 of 82	<b>Testing charges:</b> 5. GENERALTERMS AND CONDITIONS OF TENDER & CONTRACT Clause 22 Page 40 of 82	Testing charges: The testing charges shall be payable by the selected bidder/authorised partner and bidder shall test and calibrate the instrument to verify the specification from Govt. approved lab/ NABL Lab before pre-dispatch of instrument. Every instrument shall be calibrated by NABL Lab. Pre- dispatch inspection of instrument to validate the specification from Govt. approved lab/ NABL Lab shall be atleast for one instrument.	Randomly only 5-10 DWLR systems can be checked/inspected before pre-dispatch of instrument. Kindly share the name & list of approved lab/NABL lab which has facility and authority to test such sensors & data loggers.	As per Revised RFP as 1- Every instrument shall be calibrated by NABL/Govt. approved Lab 2- Testing charges shall be payable by selected bidder. 3- One sensors to be inspected by NABL/ Govt approved Lab. 4- List of approved NABL/ Govt approved Lab by the GWD department.

	Page 49 & 50 of 82	6. SPECIAL TERMS AND CONDITIONS OF TENDER & CONTRACT 1) Payment Terms and Schedule a) Payment schedule Page 49 & 50 of 82	1) Payment Terms and Schedule: a) Payment schedule - Payments to the bidder/authorised partner, after successful completion of the target milestones (including specified project deliverables), would be made as under: - - 50% of CAPEX cost of TDWLR will be released on the completion of installation of all the equipments in respective phase. Total 1004 devices will be install in four phases and phase supply order provided separately. - 70% of CAPEX cost of web portal and mobile app - Remaining CAPEX will be paid quarterly equally spread over 5 years. -O&M will be paid quarterly after making adjustments for penalties as per SLA/ Performance -O&M will be paid Quarterly as quoted in financial bid for respective year after Making adjustments for penalties as per SLA/ Performance -Quarterly payment be made as per the actual quantity of batteries supplied and installed.	Please modify payment terms as follows: 1. 10% mobilization advance of (CAPEX+OPEX) cost of TDWLR will be paid against submission of BG. 2. 30% of CAPEX cost of TDWLR will be released on the receipt and inspection of material in respective phase. 3. 30% of CAPEX cost of TDWLR will be released on the completion of installation of all the equipments in respective phase. Total 1004 devices will be installed in four phases and phase supply order provided separately. 4. 70% of CAPEX cost of web portal and mobile app. 5. Remaining CAPEX will be paid quarterly equally spread over 5 years. O&M will be paid quarterly. 6. O&M will be paid Quarterly as quoted in financial bid for respective year. 7. Quarterly payment will be made as per the actual quantity of batteries supplied and installed. Please confirm	1) Payment Terms and Schedule: a) Payment schedule - Payments to the bidder/authorised partner, after successful completion of the target milestones (including specified project deliverables), would be made as under: - - 70% of CAPEX cost of TDWLR will be released on the completion of installation of all the equipments in respective phase. Total 1004 devices will be install in four phases and phase supply order provided separately. - 90% of CAPEX cost of web portal and mobile app - Remaining CAPEX will be paid quarterly equally spread over 5 years. O&M will be paid quarterly after making adjustments for penalties as per SLA/ Performance -O&M will be paid Quarterly as quoted in financial bid for respective year after Making adjustments for penalties as per SLA/ Performance -Quarterly payment be made as per the actual quantity of batteries supplied and installed.
		6. SPECIAL TERMS AND CONDITIONS OF TENDER & CONTRACT 1) Payment Terms and Schedule a) Payment schedule Page 49 of 82	<b>1) Payment Terms and Schedule:</b> a) Payment schedule - Payments to the bidder/authorised partner, after successful completion of the target milestones (including specified project deliverables), would be made as under: - Supply of TDWLRs devices.....	Delivery period will be T1+12 Weeks for respective phase supply order. Please confirm	Supply of TDWLR's devices in T1+6 weeks
		6. SPECIAL TERMS AND CONDITIONS OF TENDER & CONTRACT 1) Payment Terms and Schedule a) Payment schedule Page 49 of 82	<b>1) Payment Terms and Schedule:</b> a) Payment schedule - Payments to the bidder/authorised partner, after successful completion of the target milestones (including specified project deliverables), would be made as under: - Successful installation of all the hardware, network connectivity and data transmission for respective phase.....	Successful installation of all the hardware, network connectivity and data transmission for respective phase will be T1+12 from the date of receipt of material. Please confirm	As per RFP
		ANNEXURE-2 : TECHNICAL SPECIFICATIONS (A) Specifications of Telemetric Digital Water Level Recorder (TDWLR), hydrostatic Type (GW) with Telemetry System-	<b>Installation:</b> The system should be provided with a suspension bracket, allowing secure installation within or outside the Piezometer's headwork (in case of box type the data logger should be with lock & key arrangement well protected with M.S. protection box and security arrangement including civil works to repair/construct the Piezometer platform) including appropriate cable mounting accessories to allow the sensor to be adjusted to the required depth in a stable and reproducible manner. Protection cover be IP65 or higher	Please specify on associated civil works and share site photograph of borehole alternatively drg. of the bore location.	As per RFP
	Page 56 of 82			Please confirm Data format/string for GSM & GPRS communication.	As per RFP
				Please confirm that the hard copy in original is to be submitted to the purchaser at any time.	As per RFP
3	Monad electronics, HO & Fact. : G1-805, Sitapura Industrial Area,Jaipur-	54	Dimension	Outer diameter of sensor unit: <80mm, (for sensor)	its mentioned both <80 mm & < 50 mm
		54	Ingress Protection	IP68 for sensor	IP69 required for depth of 200 meter water column
		56	Display Unit	Data logger shall have a display unit which will show the real time data (24X7)	With display , 5 year operating time on single battery set is technically very difficult
					As per RFP

	302022. (RAJ.)India	<b>Communication Interface</b>				
		56	Computer Interface	The Logger must be capable of connection to a computer via USB 2.0/ USB 3.0 and supply should include	With single battery set its difficult to operate	As per RFP
		56	<i>File Format</i>	<i>The format of the data downloaded by communication</i>	<i>define standard format</i>	The format of the data downloaded by communication shall be shared with selected bidder
4	Aaxis Nano technologies Pvt. Ltd. B-46 Sector 59, Noida-Delhi NCR, India 201301	8 of 101	Qualification/ Eligibility Criteria	<p><b>4. Technical Capability:</b> Bidder must have successfully Completed or partial completed with requisite amount one project of Installation, Operation &amp; Maintenance of Telemetric Water Level Recorder or similar nature of work not less than the amount of Rs. 02.00 Crores in India. During last five FY i.e 2017-18, 2018-19, 2019-20, 2020-21 and 2021-22.</p> <p><b>Or</b> The bidder must have successfully completed or partial completed with requisite amount, two projects of Installation, Operation &amp; Maintenance of Telemetric Water Level Recorder of combined value not less than the amount of Rs. 03.00 Crores in India during last Five FY i.e2017-18, 2018-19, 2019-20, 2020-21 and 2021-22</p>	<p>We hereby request to Amend: The bidder must have supplied, tested, and commissioned Hydro- Met stations with Satellite /GSM /GPRS based telemetry to the extent of at least 2 cr. (comprising of minimum one data logger and sensor at each station) total in any five years combined during a period of last 7 years from the last date of submission of bid document and should be in use satisfactorily with no adverse report for at least one year preceding the date of bid opening.</p>	As per RFP