

Corrigendum-II

Request for Proposal (RFP) for Selection of Agencies for Design, Supply, Installation, Testing, Commissioning and Transfer of the Telecom Shelter Across the State of Gujarat for BharatNet Phase III Project On Behalf of Gujarat Fibre Grid Network Limited(GFGNL), Department of Science & Technology, Government of Gujarat

Issued by:

Gujarat Fibre Grid Network Limited

Reference No: GFGNL/GFG/e-file/263/2025/0041/Shelter infrastructure for BharatNet Phase-III (ABP)

Date: 16th Jul 2025



Issued By:

Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010

Fact Sheet:

9.	Last date for submission of Bid/proposal	12/06/2025 23/06/2025 04/07/2025 24/07/2025at 06:10 pm
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Annexure-I : Pre-Bid query Response/Clarification

Sr. No	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Justification	Response / Revised Clause
1	Section 5 - Technical Specifications - SMPS Battery	56	12. Expected Battery Life (EoL) -- a) Under ideal conditions i.e. moderate ambient temperature (10°C to 35°C). However, the same battery at an average temperature of 35°C in cyclic discharge application to 80% DOD (depth of discharge) will have to give min. ten(10) years of operational life and one time replacement after 7 years or during the warranty period(5+2) years.	We understand within 10 years operational life 1 time battery replacement is must.		<p>Correct, Clause is self-explementary .However, Bidder has to supply and provide warranty (5 years warranty and additional 2 years extended onsite replacement warranty) through OEM. Bidder will be solely responsible to replace the complete battery bank set at the end of 7 years for the cases which are not replaced during 7 (5+2) years warranty period.</p> <p>Minimum 8 Hrs (480 mins on initial full load)Backup must be required for 7 years from the date of go-live, if performance degradation start happening below 8 hours as specified in the RFP within 7 years, then battery need to be replaced by selected agency through OEM immediately to avoid power outage SLA / penalties, without any additional cost to GFGNL.</p> <p>Therefore, it is utmost important for the PIA to provide right</p>

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						<p>battery having longer battery hours and tenure i.e., to meet minimum 8 hours in 7 years. The tolerance factor of degradation is 1 hour. Any excess degradation or shortfall in tenure is the bidder's risk and bidder have to replace the battery free of cost to GFGNL within 15 calendar days. In any circumstances, GFGNL will not bear battery replacement cost if battery performance degrades (after adjusting tolerance) before 7 years.</p> <p>The bidder will replace the complete battery bank set, during the period of after 7 years and before completion of 10 years, altogether or in parts as required at one time maximum cost upto Rs 90,000/- (Including SITC and excluding Tax) per complete battery bank set. The payment clause is applicable to those cases where battery lasted for 7 years and replaced with valid proof of replacement of battery with</p>

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						same make or other compatible make with submission of valid compliance certificate. The specification/s must be similar or higher prevailing at that time of replacement with submission of next 7 years of warranty certificate and support from the date of successful field acceptance test.

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2	SECTION-10 FINANCIAL BID	1,39,145	Package-A, Package-B - - 4. Supply, installation, testing & commissioning of 1 set of Battery bank (Capacity: 600 AH for Lithium-Ion Batteries) with 10 years of warranty*(Bidder has to supply and provide warranty (5 years warranty and later 2 years extended onsite replacement warranty) through OEM. Bidder will be solely responsible to replace the battery bank at the end of 7 years for the cases which are not replaced during 7 (5+2) years warranty period). (*Bidder has to quote the capex amount, as warranty/AMC fixed price will be paid separately as per clause_9.17)	Our understanding for Li-ion battery is : 5 + 2 + 3 years with minimum 1 time replacement. (be it within first 7 years; otherwise, mandatory replacement at the end of 7 years). Request for clarification if any disconnect		Clause is self-explementary .Please see query answered above.

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3	Eligibility criteria	28	All the tender items e.g. Porta cabin, SMPS Battery, Servo Stabilizers should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC), New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number	80A rectifier is not defined in any of the TEC GR. Hence we suggest to mention latest TEC GR i.e. 66110:2024 in the tender instead of mentioning 80A rectifier. System Capacity requirement can be mentioned in the tender in terms of Ampere.	Addition of TEC GR no. is needed for better clarity of OEM to design the system.	Since TEC GR for 80A is not available, 80A Rectifier with certified BIS and type test module with STQC/SGS will be qualified.

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			allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC, New Delhi shall be submitted along with the bid. However, only type approved /TSEC approved products as per above specifications shall be accepted which shall have to be obtained before issuing Work Order by the Tenderer before supply.			

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4	Section 5 - Technical Specifications - SMPS Battery	56	Cutoff voltage for Battery SMPS should be able to configure for defining Cutoff voltage (V): -42v to -44v	For li-ion battery, LVD set points settable range should be modified as 42V to 47.5V	-42V to -44V is suitable for VRLA battery, not Li-ion battery	Referring to the TEC GR(TEC: 67030:2024) cutoff voltage : -42V to -47V However, it should be providing option of setting manually for cut-off range for critical sites.
5	Section 5 - Technical Specifications - SMPS Battery	57	Battery type	Li-ion Battery should be allowed with in compliance to latest valid TSEC GR 67030:2024	-	Li-ion Battery should be allowed with in compliance to latest valid TSEC GR 67030:2024

6	Section 5 - Technical Specifications - SMPS Battery	57	Battery type	<p>Additional point - Batteries shall be housed in the same IP20 cabinet/rack along with SMPS.</p>	<p>>> An integrated rack is a rack which can house both SMPS and Lithium battery both in one common rack. There are several advantages :- <u>Space Saving</u> – It occupies lesser space in shelter as compared to separate racks of SMPS and battery. <u>Cost Saving</u> – One common rack costs lesser than two separate racks. <u>Shorter length of cables</u> –</p>	<p>It is preferable to provide this advised solution, i.e. batteries in housed with same rack of cabinet of SMPS . However, if anyone does not have this provision then it is deemed optional for wider participation. This(single rack) solution will be rated qualitative high marks in comparison with two different/separate facilities/racks. Bidder, those who does not have this solution should ensure to stack both the rack(i.e., battery bank and SMPS one another above with proper safety if separate solution) in the way to occupy single rack space and avoid space challenges.</p>
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					<p>Because battery is kept inside the rack, shorter cables are required to connect to SMPS. This will reduce voltage drop and will also save cost. (Ppt is attached for reference)</p> <p>>> SMPS & battery in same IP20 Rack has been supplied to BSNL for various projects in compliance to TEC GR 66110:2024 for SMPS & TEC GR 67030 : 2024 for 100Ah Li-ion Battery</p>	
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7	Section 5 Technical Specification SMPS Battery		Adequate capacity to cater DC load of 60Amp for electronic equipment. Rectifier modules of min 80 Amp (N+1) / 4KW to be supplied	As per BSNL TEC GR- Module rating 25A/50A/100A 25A/50A – Single Phase Rectifier 100A- Three Phase Rectifier. 80A is not approved in TEC GR. Please clarify		Duplicate query, refer preceding response above
8	Section 5 Technical Specification SMPS Battery		Power plant compatible with Li-Ion batteries having 5+ 5 years of battery life & has enough capacity to take care of load and battery at C/10 rate of charge	SMPS and Li-ion Battery to be provided in same enclosure or separately. Please clarify		Duplicate query, refer preceding response above

Annexure-B : Revised Criteria:

Sr No.	RFP Clause/Item Name	Original Clause	Revised Clause/Clarifications
1	Clause 4.7(25), 4.8(V-h) VI-p),(viii-a-6), 4.9(l)1, Section-10	Auto Change Over Switch	<p>Wherever mentioned as Auto Change Over Switch, Consider as Manual Change over switch.</p> <p>It is the core responsibility of the agency to assess and select the sites and install change over switch to maintain the SLA in coordination with GFGNL official.</p>
2	Section -3.1(5)	<p>Quoted product like SMPS and Battery should have TEC/TSEC or bidders may also submit copy of previous TSEC of any SMPS, any Battery to meet the eligibility Or OEM self-undertaking to certifying that supplied items are TEC /TSEC complied for submitting the bid only. However, the PIA/ OEM shall submit the valid TSEC as per the Technical Specifications in this RFP, before supply/installation of the product.</p>	<p>Quoted product like SMPS and Battery should have TEC/TSEC, or bidders may also submit copy of previous TSEC of any SMPS, Li-Ion Battery to meet the eligibility Or OEM self-undertaking to certifying that supplied items are TEC /TSEC complied for submitting the bid only. However, the PIA/ OEM shall submit the valid TSEC as per the Technical Specifications in this RFP, corrigendum, before supply/installation of the product.</p> <p>TEC/TSEC for Battery is desirable ask. However, the bidder can apply before bid submission , however for wider participation TEC GR/ QF 103/ Type approval certificate can be submit before financial bid opening. And It is the selected bidder's responsibility to get TEC GR before supply in this project.</p>

Annexure-C : Financial Bid Format:

Package- A

#	Description	UoM	Pkg-A	Unit Price	Total Price(INR)	Taxes as applicable (%)	Total With Tax(INR)
			(count)				
			(A)	(B)	C= A*B	(D)=Tax %	(E)=C*D
14	Supply, Installation, testing & commissioning and service of Auto Manual Change Over Switch with 5 years +5 years extended onsite replacement warranty(*Bidder has to quote the capex amount,as warranty/AMC fixed price will be paid separately as per clause_9.17)	Nos.	354 100				

Table-0A(For Package-A)

Package- B

#	Description	UoM	Pkg-B	Unit Price	Total Price(INR)	Taxes as applicable (%)	Total With Tax(INR)
			(count)				
			(A)	(B)	C= A*B	(D)=Tax %	(E)=C*D
14	Supply, Installation, testing & commissioning and service of Auto Manual Change Over Switch with 5 years +5 years extended onsite replacement warranty(*Bidder has to quote the capex amount,as warranty/AMC fixed price will be paid separately as per clause_9.17)	Nos.	354 100				

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