



TELANGANA POWER GENERATION CORPORATION LIMITED

Tender Specification No.e-21/HPC&HP/SE/PI/EME-5//Solar-KTPP&YTPS DPRs/2024-25

Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of **(1)** 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW) **(2)** establishment of 28MW Ground Mounted solar plant on empty land at KTPP & **(3)** 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO

**INSTRUCTIONS TO BIDDERS, GENERAL INSTRUCTIONS,
SCOPE OF WORK& SCHEDULES.**

**SD/-
SUPERINTENDING ENGINEER
(PRPJECT IRRIGATION)
VIDYUT SOUDHA, HYDERABAD-82
Ph: (040) 23499311/312/805; 399.**

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TELANGANA POWER GENERATION CORPORATION LIMITED
VIDYUT SOUDHA :: HYDERABAD – 500 082.

Office of the Chief Engineer (HPC&HP),VidyutSoudha/Hyderabad.

NOTICE INVITING TENDER

NO.e-21/HPC&HP/SE/PI/EME-5/ Solar-KTPP&YTPS DPR/2024-25

(THIS IS A TWO PART BID)

1.	Department Name	:	Telangana Power Generation Corporation Limited.
2.	Circle/Division Name	:	Chief Engineer (HPC&HP)/TGGENCO/Vidyut Soudha/Hyderabad-500 082.
3.	Tender Specification No.	:	e- /HPC&HP/SE/PI/EME-5/Solar-KTPP&YTPS DPRs/2024-25
4.	Place of work	:	1) 15MW (AC side) Floating solar at YTPS, 2) 28MW (AC side) Ground Mounted solar plant at KTPP 3) 13MW(AC side) Floating Solar plant at KTPP
5.	Name of the work	:	Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of (1) 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)(2) Establishment of 28MW Ground Mounted solar plant on empty land at KTPP & (3)13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO
6.	Delivery period/Completion period	:	a) Draft DPR shall be submitted within 20 days from the date of receipt of Purchase Order (6 Hard Copies and 1 soft Copy) b) Final DPR shall be submitted within 10 days after receipt of comments /remarks from TGGENCO (6 Hard Copies and 1 soft Copy)
7.	Estimated value	:	Rs.12,96,000/- (Rupees Twelve lakhs ninety six thousand only)
8.	Bid Security (EMD) Earnest Money Deposit to be furnished	:	Tenderer has to furnish EMD of Rs.6480 i.e., 0.5% of the estimated value along with the offer in favor of Pay Officer/TGGENCO/Vidyut Soudha/Hyderabad i) All the payments towards EMD Should be paid through Net Banking/RTGS/NEFT/Credit card/Debit Card at www.eprocurement.telangana.gov.in or through Bank Guarantee. The Bank Guarantee shall be obtained from any nationalized bank in the prescribed format given in Annexure. The BG shall have the validity up to 180 days with a claim period of 90 days thereafter. ii) The firms Registered with NSIC/SSI shall apply and obtain exemption letter from payment of EMD from TGGENCO for each tender before quoting and can upload the scanned copy of exemption letter
9.	Transaction Fee Payable to M/s TSTS.' payable at Hyderabad (As per G.O. Ms No 10&11, Dtd 23.07.2010 IT&C Dept) : including service tax	:	0.03% on the Estimated value online with a cap of Rs.10, 000/- for quoted value up to Rs.50 Crores and Rs.25, 000/- if the Estimated value is above Rs.50 Crores & GST and bank charges as applicable or as levied by Govt. from time to time on the transaction fee through online at http://tender.telangana.gov.in .
10.	Nature of tender	:	e- tender
11.	Bid submission by	:	online
12.	Bid validity	:	180 days from the date of opening of tender

13	Form of Contract	LS
14	Tender Category	: Service
15	Place of opening of tender	: O/o Superintending Engineer (Project Irrigation), TGGENCO, 3 rd floor, A-Block, TGGENCO, Vidyut Soudha, Hyderabad-500 082.
16	Contact Details	: Phone: 040-23499 311/312, 23499 805
17	Officer Inviting Bids	: Superintending Engineer(Project Irrigation), TGGENCO, Vidyut Soudha, Hyderabad – 500 082
18	Address	Superintending Engineer, Project Irrigation, TGGENCO, 3 rd Floor, A Block, VidyutSoudha, Hyderabad 500082, Telangana
19	Security Deposit	: Bidder shall furnish the Security Deposit amount equivalent to 2.5% of the Contract value in the form of Bank Guarantees as per the prescribed proforma enclosed towards Security Deposit for satisfactory fulfillment of the contract.
20	<u>Tender Dates:</u>	
	Schedule Available Date & Time	21.02.2025,12.00 PM
	Schedule Closing Date &Time	21.03.2025, 02.00 PM
	Bid submission closing Date & time	21.03.2025, 03.00PM
	Pre-qualification/Technical Bid Opening Date & time (Qualification & Eligibility Stage)	21.03.2025, 04:30PM
	Price Bid Opening Date & time (Financial Bid stage).	26.03.2025, 03:00PM
	<p>Procedure for bid submission:</p> <p>a) The tender should be in the prescribed forms which can be obtained from new 'e' procurement platform at Domain "e-procurement.telangana.gov.in" under e-tender website http://tender.telangana.gov.in from the date of electronic publication up to the time and date indicated in the tender notice. The intending bidders shall enroll themselves on the new 'e' procurement market place www.eprocurement.telangana.gov.in those contractors who register themselves in the new 'e' procurement market place can download the tender schedules free of cost. The bidder shall authenticate the bid with his digital certificate for submitting the bid electronically on new e- procurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the e-procurement platform following the G.O.Ms.No.14, dt.18.09.2017 ITE &C (e Proc) Dept, Govt. of Telangana orders.</p> <p>b) Intending bidders can contact office of the Superintending Engineer, Project Irrigation, TGGENCO, Vidyut Soudha, Hyderabad-500082 for any clarification /information on any working day during working hours.</p> <p>c) The bidders who are desirous of participating in e- procurement shall submit their technical bids, price bids etc., in the standard formats prescribed in the tender documents, displayed at "e" market place. The bidders should invariably upload the statement showing the list of documents etc., in the "e" market place in support of their Technical bids. The bidder should upload scanned copies of all relevant certificates including EMD/PEMD. All the supporting documents are to be uploaded in one file.</p>	

	<p>d) If any tenderer fails to submit original BG for EMD (if paid through BG), hard copies of uploaded documents on or before the stipulated time prior to issue of LOI/Purchase order, the tenderer will be suspended/disqualified from participating in the tenders on e-procurement platform for a period of three years from the date of bid submission. The suspension of tenderer shall be automatically enforced by the e-procurement system.</p> <p>e) Technical bid evaluation of the tenderers would be done on the certificates/ documents uploaded towards qualification criteria furnished by them.</p>
22	<p>Eligibility Criteria:</p> <p>1. PRE-QUALIFICATION:</p> <p>Bidder shall have experience in providing consultancy services pertaining to feasibility study, preparing DPRs and should have executed similar job for at least 01 (One) Floating solar power plant and 01(one) groundmounted solar plant anywhere in India in the last 05(Five) financial years.</p> <p>2. FINANCIAL ELIGIBILITY CRITERIA:</p> <p>The bidder should have an annual turnover of not less than Rs. 3,88,800/- for at least 2 years during the last '3' years. The bidder should enclose copies of the audited financial statements of the last '3' years so as to prove the financial capacity of the bidder to execute the order</p>
23	<p>Statutory Requirements:</p> <p>The Bidder shall fulfill the following statutory requirements:</p> <p>a) <u>Income Tax:</u> The Contractor shall furnish their copy of Permanent Account Number (PAN) card and copy of latest income tax return submitted, along with the proof of receipt.</p> <p>b) <u>Goods and Service Tax:</u> The Contractor shall furnish a copy of latest Goods and <u>service</u> Tax (GST) enrolment certificate issued by concerned authorities along with relevant HSN/SAC code from the Commercial tax department. If the registration is in process provisional GST registration certificate shall be furnished. The quoted tender percentage shall be exclusive of GST. GST as applicable as on date shall be indicated separately in each invoice and the same will be paid to the Contractor. The Contractor shall remit the applicable GST to the concerned department</p>
24	<p>Other Payments to be made:</p> <p>Apart from the Bid Security (EMD) the bidder shall be liable to pay the following:</p> <p>a) <u>Transaction fee:</u> The participating bidders have to electronically pay a Non-refundable Transaction fee of 0.03% of ECV value to M/s. TSTS, the service provider, through Payment Gateway Service on e-Procurement platform, as indicated in e-procurement platform at the time of bid submission through online i.e. electronically at the time of bid submission.</p> <p>b) <u>Corpus Fund:</u> Successful bidder has to pay corpus fund @ 0.04% of ECV (estimated <u>contract</u> value) with a cap of Rs:10,000 (Rupees ten thousand only), for all works with ECV upto Rs.50 Crore, and Rs:25,000/- (Rupees twenty five thousand only) for works with ECV above Rs.50 Crore, plus applicable GST, through demand draft in favour of Managing Director, TSTS, Hyderabad, towards corpus fund at the time of concluding agreement.</p>

25	<p>Submission of Transaction fee and EMD:</p> <p>The bidders have to pay Transaction fee to TSTS electronically at the time of bid submission at new Platform at www.eprocurement.telangana.gov.in. The Terms and Conditions contained herein shall apply to any person ("User") using the services of Telangana State Technology Services Ltd (TSTS), Government of Telangana State, for making Tender fee and Earnest Money Deposit (EMD) payments through the online payment gateways service ("Service") offered by ICICI & AXIS Banks Ltd. in association with E Tendering Service provider and payment gateway service provider through TSTS website i.e. http://tender.telangana.gov.in. Each User is therefore deemed to have read and accepted these Terms and Conditions:</p> <ol style="list-style-type: none"> 1. The User agrees that the debit/credit card details provided by him/ her for use of the aforesaid Service(s) must be correct and accurate and that the User shall not use a debit/ credit card, that is not lawfully owned by him/ her or the use of which is not authorized by the lawful owner thereof. The User further agrees and undertakes to provide correct and valid debit/credit card details. 2. The User may make his/ her payment (Transaction Fee/Earnest Money deposit) to TSTS by using a debit/credit card or through online banking account. The User warrants, agrees and confirms that when he/ she initiates a payment transaction and/or issues an online payment instruction and provides his/ her card / bank details: <p>The User is fully and lawfully entitled to use such credit / debit card, bank account for such transactions;</p> <p>The User is responsible to ensure that the card/ bank account details provided by him/ her are accurate;</p> <p>The User is authorizing debit of the nominated card/ bank account for the payment of Tender Fee and Earnest Money Deposit</p> <p>The User is responsible to ensure sufficient credit is available on the nominated card/ bank account at the time of making the payment to permit the payment of the dues payable or the bill(s) selected by the User inclusive of the applicable Fee.</p>
26	<p>Documents to be submitted (Hard copies) to the Tender inviting authority:</p> <p>The bidder should furnish all the hard copies of the information uploaded by him so as to receive by the tender inviting authority within in the stipulated date as communicated by the tender inviting authority.</p>
27	<p>Tender Document:</p> <ol style="list-style-type: none"> a)The bidder is requested to download the tender document and read all the terms and conditions mentioned in the tender Document and seek clarification if any from the Tender Inviting Authority. Any offline bid submission clause in the tender document could be neglected. b)The bidder has to check e-procurement platform from time-to-time to keep track of any changes to the work/ tender conditions, by viewing the Addendum/Corrigenda issued by the Tender Inviting Authority. The Department calling for tenders shall not be responsible for any claims/problems arising out of this

28	<p>The bidder shall furnish the declaration that:</p> <ol style="list-style-type: none"> 1) They have not been black listed in any department due to any reasons. 2) They have not been demoted to lower category in any department for not filing the tenders after buying the tender schedules in a whole year and their registration had not been cancelled for a similar default in two consecutive years. 3) They will agree to get disqualified themselves for any wrong declaration in respect of the above and get their tender summarily rejected. 4) The soft copies uploaded by them are genuine and that any incorrectness/ deviation noticed can be viewed seriously and apart from cancelling the contract duly forfeiting Bid security, criminal action can be initiated for disruption of works including suspension of business and/ or black listing. 5) <u>They have read all the pages/documents uploaded by the corporation, understood the contents and will abide by them. The bidder whoever is bidding for the work is deemed to have signed on all the pages of the tender specification/documents uploaded by the corporation.</u>
29	<p>Bid Submission Acknowledgement:</p> <p>The bidder shall complete all the processes and steps required for Bid submission. The system will generate an acknowledgement with a unique 'bid submission number' after completing all the prescribed steps and processes by the bidder. Users may also note that the bids for which an acknowledgement is not generated by the e-procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the Tender Inviting Authority for processing the bids. The Government of Telangana and M/s.TSTS are not responsible for incomplete bid submission by users</p>
30	<p>Other relevant information:</p> <ol style="list-style-type: none"> 1. TGGENCO reserves the right to reject any or all the tenders without assigning any reasons thereof. 2. TGGENCO reserves the right to amend or modify the tender and its conditions before last date/time for submission of bids. 3. Any other condition regarding receipt of tenders in conventional method appearing in the tender documents may please be treated as not applicable. 4. The contractors are requested to submit the original BGs along with other hard copies required as soon as requested by the tender inviting authority <p>For all clarifications & guidance, the bidders may contact the Superintending Engineer, Project Irrigation, TGGENCO, 3rd Floor, A Block, VidyutSoudha, Hyderabad-500082.</p>
31	<p>Other relevant information:</p> <ol style="list-style-type: none"> 1) TGGENCO reserves the right to reject any or all the tenders without assigning any reasons thereof. 2) TGGENCO reserves the right to amend or modify the tender and its conditions before closing of bid submission. 3) Any other condition regarding receipt of tenders in conventional method appearing in the tender documents may please be treated as not applicable. 4) The Contractors have to upload the information preferably in Zip format.
32	<p>Superscription on Tender Cover (Hard Copy):</p> <ol style="list-style-type: none"> (i) Specification No (ii) Name of the Work (iii) Due Date and Time of Opening (iv) EMD PARTICULARS/ P E.M.D Certificate No. (v) Validity of the Tender
33	<p><u>General terms and conditions:</u> AS PER BID DOCUMENT.</p>
34	<p>Consignee & Destination : Divisional Engineer/Eme-5/HPC&HPTGGENCO, Khairathabad, Hyderabad-500082</p>

Note: Responsibility for correctness of the information submitted in the bid lies with the bidder. If any information furnished in the bid is proved to be false at a later date, the bid will not only be rejected but the bidder will be BLACK LISTED.

**SD/-
SUPERINTENDING ENGINEER
PROJECT IRRIGATION**

IMPORTANT INSTRUCTIONS-TWO PART BIDDING

- a) The bids shall be submitted online. Training kit is available on the NIT page at Domain (<https://tender.telangana.gov.in>). All the documents to be submitted as soft copies shall be signed & stamped, scanned and uploaded. Those documents which shall be submitted as hard copies shall be signed, stamped and sent to reach the tender inviting authority on or before the stipulated date & time to be intimated later. **List of the documents** to be submitted in hard copies/ soft copies is given in **Annexure-I**
- b) Bids will be processed in two stages (two part bid). In the first stage, bids will be evaluated in Pre-qualification and Technical terms. Only qualified bids without Technical deviations from the tender specification will be considered for second stage of Price Bid opening/evaluation. The on-line system will not open the price-bids of tenderers who are not qualified in PQB evaluation.
- c) Physical presence of the bidders is not required at the time of PQB/Technical bid opening or Price bid opening

Special terms and conditions to bidders-New E-Procurement platform

1. TGGENCO reserves the right to respond to any e-mail received by it through their website. TGGENCO does not warrant the privacy and/or security of e-mails during internet transmission.
2. Bidders should have a legally valid digital certificate as per India; IT act from the licensed certifying authorities on payment of requisitioned charges. Submission of bids by prospective bidders through e-procurement platform will be subjected to terms and conditions notified on www.eprocurement.telangana.gov.in Bidders are requested to read these terms and conditions carefully and act accordingly.
3. Bidders should have requisite internet connectivity preferably broadband.
4. Any downloading soft copy of the tender documents from the web site is at the sole risk and responsibility of the bidder. TGGENCO will not be responsible for any delay/difficulty/inaccessibility of the downloading facility for any reason whatsoever.
5. Bidders ought to ensure that they have downloaded the complete set of bid documents and shall be sole responsible for the completeness of the bid documents and may note that any omission or lack of clarity in the downloaded copy will not be taken as a reason for submission of incomplete offer or will not entitle the bidders to claim for changing of schedule dates of the tender process. In such cases, it will be solely responsibility of the bidders to get clarifications from the tender inviting authority before submitting tenders on e-platform within stipulated time for submission of bids.
6. Amendments/Addendum, if any will also be posted on website for downloading. TGGENCO will not hold any responsibility of amendments being or not being kept tracked from time to time by the bidders.
7. TGGENCO reserves the right, without prejudice to other rights under terms and conditions of the NIT and tender documents or other remedies available to cancel tenders without assigning any reasons and will not entertain any correspondence in the matter. TGGENCO accepts no liability whatsoever and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from use of e-procurement website or from cancellation of tenders
8. Pre-Bid Visit: The bidders must visit the premises and have clear understanding about the place, scope of work; volume of work, requirement of skill levels of workforce, etc., and any doubt/clarification may be cleared/ done before submitting the their offers. Any claim of ignorance about the system or responsibility shall not be entertained at a later stage

Bid submission on e-platform and unique acknowledgement:

The bidder shall complete all the processes and steps required for bid submission following instructions for bidders responding to e-tenders at website. The system will generate an acknowledgement with a unique bid submission number after completing all the prescribed steps and processes by the bidder after submission of the bids on e-procurement platform. The bidders are requested to note that the bids for which an acknowledgement is not generated by the e-procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the tender inviting authority for processing the bids. TGGENCO or the service provider is not responsible for incomplete bid submission by bidders.

Section-I: INSTRUCTIONS TO THE BIDDERS

1.0 TGGENCO or CORPORATION or PURCHASER: shall mean Telangana Power Generation Corporation Ltd., (A Govt. of Telangana Undertaking), a company incorporated in India under Companies Act 1956, having its Regd. Office at Vidhut Soudha, Hyderabad-500082.

1.2 SUPPLIER or CONTRACTOR or VENDOR or SUCCESSFUL BIDDER: shall mean the Bidder on whom PO is issued against this Tender Specification.

1.3 NAME OF WORK : Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of (1) 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW) (2)28MW Ground Mounted solar plant on empty land at KTPP & (3)13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO

1.4 SCOPE OF THE PROPOSAL:

The scope of services under this contract for Preparation of Detailed Project Report (DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of (1) 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)(2)28MW Ground Mounted solar plant on empty land at KTPP & (3)13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO. Detailed clause is mentioned in section III

The Bids not covering the entire scope of works as mentioned above may be treated as incomplete and liable to be rejected.

2.0 QUALIFICATION REQUIREMENTS OF THE BIDDERS:

2.1 The Bidder shall furnish the following particulars in the formats provided online and supported documentary evidence shall be uploaded.

Attested copies of documents relating to the Registration of the firm, Registration as Electrical Licensed Contractor, Partnership deed, Articles of Association, Commercial Tax Registration, Latest Income Tax Clearance certificate/latest IT return and PAN number from IT Department etc.

3.0 Eligibility Criteria:

The bidder should have the following eligibility criteria

1. PRE-QALIFICATION:

Bidder shall have experience in providing consultancy services pertaining to feasibility study, preparing DPRs and should have executed similar job for at least 01 (One) Floating solar power Plant & 01 (One) Ground mounted solar plant anywhere in India in the last 05 (Five) financial years.

2. FINANCIAL ELIGIBILITY CRITERIA:

The bidder should have an annual turnover of not less than Rs. 3,88,800/- for at least 2 years during the last '3' years. The bidder should enclose copies of the audited financial statements of the last '3' years so as to prove the financial capacity of the bidder to execute the order.

3.01 In addition to the above the following may be submitted:

- a) Earnest Money Deposit (EMD) for requisite amount shall be furnished as per summary sheet.
- b) Details regarding the financial standing of the Bidder supported by Audited Financial Statements for the last 3(Three) financial years along with profit and loss statements.
- c) Details of the orders (copy of all pages of Work Order including annexures if any) or related authenticated documents of similar type of works during the last 03 (Three) years.
- d) Bidder shall submit all relevant Bid Annexures (A- J) duly filled in, attested, stamped & date affixed.
- e) Specific acceptance of the Bidder for the Important Clauses of Terms& Conditions of TGGENCO as per the proforma enclosed in Annexure -C.

- f) Statement of deviations duly filled in and signed as per the proforma enclosed in Annexure –D
- g) The intending Bidders would be required to enroll themselves on the 'e'-procurement market place at www.eprocurement.telangana.gov.in
- h) The Bids should be in the prescribed form invited on e-procurement platform by the Superintending Engineer, Project Irrigation, TGGENCO, Vidyut Soudha, Hyderabad-500082, TELANGANA (As specified in NIT) that can be downloaded free of cost from the website www.eprocurement.telangana.gov.in
- i) The dates stipulated in the Bid notice are fixed and under any circumstances, they will not be relaxed unless officially extended.
- j) The Bidder should upload scanned copies of all enclosures required for the schedules & Annexure and furnish hard copies (Bid security (EMD), & Transaction Fee) if requested by the Competent Authority within 3 (Three) days.
- k) The Bid opening Authority will not consider any Bid received after expiry of date and time fixed (As specified in NIT)
- l) Transaction fee: **as per NIT SI No.09.**
- m) Corpus Fund: as per NIT SI No.24.
- n) The successful Bidder is expected to complete the supplies within the time period specified in the NIT.

3.02 The bidders shall furnish the documentary evidence in support of the requirements stipulated above.

3.03 Notwithstanding anything stated above, TGGENCO reserves the right to assess the bidders capability to execute the contract, should the circumstances warrant such assessment in the overall interest of TGGENCO.

4.0 COST OF BIDDING:

The Bidders shall bear all costs associated with the preparation and submission of its bid, and TGGENCO will in no case be responsible or liable for those costs, regardless of the contract or outcome of the bidding process.

5.0 DOCUMENTS TO BE SUBMITTED

- a) Copies **of the following**, in compliance with the requirements stipulated in S.No.(3.0) above.
- b) Documents in support of financial status, Purchase Orders, Invoice copies/ Inspection Reports/Work completion reports or such other documents to establish satisfactory completion of work.

6.0 Bids received from the bidders shall contain the general requirements as specified in clause 3.0 above.

7.0 EARNEST MONEY DEPOSIT (EMD):

- 7.01 Offers must accompany EMD as per the SI.08 of NIT in the requisite amount as specified in tender enquiry failing which offer shall be liable for rejection.
- 7.02 Submission of EMD in any other form shall not be considered and shall be treated as disqualified.
- 7.03 EMD will not carry any interest.
- 7.04 EMD of the successful Bidder will be retained as part of Security Deposit.
- 7.05 The EMD of the rejected/un-successful Bidder will be returned after finalization of the contract.
- 7.06 The firms Registered with NSIC/SSI/MSME shall apply and obtain exemption letter from payment of EMD from TGGENCO for each tender before quoting and can upload the scanned copy of exemption letter, subject to the fulfillment of the following conditions:
 - i) The Bidder shall submit a copy of the valid certificate of Registration either with NSIC or Government of Telangana indicating details such as Monetary

limit, details of items covered in the registration, validity period of certificate etc.

- ii) The items offered must be in the list of items, for which the firm is registered.
- iii) The quoted price shall be less than the monetary limit stipulated in the registration Certificate.
- iv) If the quoted values are higher than the registered value/Monitory limits, the offer furnished are liable for rejection without any prior notice

7. 07 The Earnest Money will be retained in the case of successful bidder and will not carry any interest. It will be dealt with as provided in the relevant clauses of this tender specification. However, the department will notify the successful bidder for submission of original hard copy of proof of online payment (Remittance) and BG towards EMD prior to issue of PO.

- i. Vide ref. G.O.Ms.No.174, I&CAD dept dated:1-9-2008, submission of original hard copies of the uploaded scanned copies of proof of online payment(Remittance) and BG towards EMD by participating bidders to the tender inviting authority before the opening of the price bid is dispensed forthwith.
- ii. The Earnest Money will not be received in cash/cheque by the officer receiving tenders.
- iii. Bidders are not permitted to withdraw their or his offer once made for a period of 180 days after the opening of the tenders and in the event of such bidders withdrawing their tenders within 180 days after opening of tenders the Earnest Money deposited by him/them will be forfeited by the TGGENCO.

7.08 The EMD shall be forfeited, if

- i) Bidder withdraws the bid before expiry of its validity.
- ii) Successful bidder does not accept the Purchase Order or fails to enter into a contract within validity period of offer.
- iii) Successful bidder fails to furnish Security Deposit within 15 days from the date of issue of Purchase Order.
- iv) The bidder submits any false documentary evidence or misinformation.
- v) Post tender rebates or deviation in quoted prices and/or conditions or any such offers which will give a benefit to the bidder over others will not only be rejected outright, but also the original offer itself will get disqualified on this account, and bidders EMD shall be forfeited.

7.1 EMD AMOUNT PAYABLE:

Tenderer has to furnish the EMD of 0.5% of the estimated value should be paid through NEFT/The EMD has to pay Net Banking/RTGS/NEFT/Credit card/Debit Card at www.eprocurement.telangana.gov.in .In case of the PEMD, EMD shall be furnished as per summary sheet

7.2 PERMANENT/ STANDING EMD:

The bidder may deposit with TGGENCO, the permanent fixed deposit of Rs.2,50,000/- (Rupees Two Lakhs and Fifty Thousand Only) as PEMD in the form of DD/Pay order/Banker's cheque drawn in favour of Pay Officer/TGGENCO/Vidyut Soudha/Hyderabad. In case of BG, it shall be valid for a period of three years constituting the said sum as security for due compliance with the obligations undertaken in the offer submitted by the bidder and got approved from this office well in advance. No interest will be payable on such amount. Such bidder shall be entitled to have them considered without payment of EMD with each tender separately; they need to only refer approval letter on the sealed envelope and also furnish a copy of certificate along with offer. PEMD should be got approved far in advance before submission of Bids.

7.3. REFUND OF EMD:

The EMD of unsuccessful bidders will be returned to them, as soon as purchase decision against the tender is taken.

- i) When the payment of EMD is made through Net Banking/RTGS/NEFT from their registered bank accounts, the refunds will be reverted to those accounts only.
- ii) When the payments of EMDs are made using the Credit Card/Debit Card, as per the VISA/Master Card guidelines, the refunds will be reverted to the Originating Card from which payment was made.
- iii) When EMD is submitted through BG and the same will be returned to the bidder on application.

8.0 VALIDITY OF OFFERS:

The offers shall be valid for a period of **180 days** from the date of PQB opening. The period of validity cannot be counted from any other date other than the date of opening the Pre-qualification bids. During this period bidder shall not be permitted to withdraw or vary their offers, once made and if they do so, the EMD shall be forfeited.

9.0 GST REGISTRATION CERTIFICATE:

The bidder shall submit along with their offers, the latest valid GST Registration certificate

10.0 LANGUAGE OF BIDS:

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language only.

11.0 DOCUMENTS COMPRISING THE ON LINE BID:

Part-I: PRE-QUALIFICATION BID (TECHNICAL)

The on line bid shall comprise of the following documents, the hard copies of which also shall be furnished as and when requested by the tender inviting Authority.

S.NO.	DESCRIPTION
	Part-I: Pre-qualification(Technical Bid)
1	Transaction fee paid
2	Bid Security (EMD) paid
3	Schedule-A : Un-priced proforma of summary of price proposal
4	Schedule-B: Schedule of Prices (Un-priced schedule. indicating the tenderers scope)
5	Schedule-C: General Terms And Conditions
6	Schedule-D: Schedule of Deviations
7	Schedule-E: Eligibility & Experience
8	Schedule-F: Financial, business and technical capability along with Financial Statements for the last five years
9	Schedule- G: Proforma of Letter of Authority
10	Schedule-H :Letter of Transmittal
11	Schedule-I: Particulars of tenderer
12	Schedule-J: Proforma for the certificate to be given by the tenderer
13	Documents defining the constitution of the company as per Clause No.10, SECTION-I- INSTRUCTIONS TO BIDDERS of the specification.
14	GST Registration Certificate, income tax clearance certificate, etc

Part-II: Price Bid

The price bid shall contain the following:

	Part-II: Price Bid
1.	Schedule-A Summary of price proposal
2.	Schedule-B Schedule of Prices

12.0 PRICES:

Basic Prices and applicable Taxes & Duties shall be indicated in the stipulated Price Schedule explicitly. Prices quoted against this Specification shall be FIRM. Bids quoting variable price liable for rejection.

13.0 SUBMISSION OF BIDS:

Procedure for Submission of Bids:-

13.1 The tender should be in the prescribed forms which can be obtained from 'e' procurement platform from the date of electronic publication up to the time and date indicated in the tender notice. The intending bidders shall enroll themselves on the new 'e' procurement market-place www.eprocurement.telangana.gov.in those contractors who register themselves in the 'e' procurement market place can download the tender schedules free of cost. The bidder shall authenticate the bid with his digital certificate for submitting the bid electronically on e- procurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the new e- procurement platform following the G.O.Ms.No.14, dt.18.09.2017 ITE & C (e Proc) Dept, Govt. of Telangana orders.

13.2 Intending bidders can contact office of the Superintending Engineer, Project Irrigation, TGGENCO, Vidyut Soudha, Hyderabad-500082 for any clarification/ information on any working day during working hours.

13.3 The bidders who are desirous of participating in e- procurement shall submit their technical bids, price bids etc., in the standard formats prescribed in the tender documents, displayed at "e" market place. The bidders should invariably upload the statement showing the list of documents etc., in the "e" market place in support of their Technical bids. The bidder should upload scanned copies of all relevant certificates including EMD/PEMD. All the supporting documents are to be uploaded in one file.

13.4 If any tenderer fails to submit original BG (offline payment) for EMD, hard copies of uploaded documents on or before the stipulated time prior to issue of LOI/Purchase order, the tenderer will be suspended/disqualified from participating in the tenders on e- procurement platform for a period of 12(Twelve) months from the date of bid submission. The suspension of tenderer shall be automatically enforced by the e- procurement system.

13.5 Technical bid evaluation of the tenderers would be done on the certificates/ documents uploaded towards qualification criteria furnished by them.

14.0 TAXES/DUTIES:

14.1 Please indicate clearly as to whether the offered prices are inclusive or exclusive of Tax. The rate and nature of Tax applicable shall be shown separately. Tax shall be paid to the agency at the rate, which it is liable to be assessed/ actually assessed on the date of completion of the assigned task, provided the transaction of sale is liable to Tax. In case the bidder stipulates GST extra as applicable at the time of dispatch and specifies the present rate of GST (in numeric percentage or NIL), the offer shall be evaluated considering rate of GST for the product as per GST Tariff of Govt. of India or as evident from bids received from other bidder.

14.2 However, liability of TGGENCO shall be restricted to actual GST paid at the time of dispatch subject to production of GST Gate Pass or GST Invoices. In case the bidder quotes with 'fixed rate' of GST or specify GST as NIL, 'the offer shall be evaluated accordingly and payment shall also be restricted accordingly. This will be subject to submission of Invoice copy for having actually paid the GST or otherwise but claim for

any upward revision will not be accepted at a later stage. Similarly if variable GST is payable, evaluation shall be done on full/maximum GST payable for the product but payment of GST to the supplier against the order, if placed, shall be actual amount paid subject to furnishing documentary proof (GST Gate Pass or Invoice). It may also be noted that the supplier has to stick on to the delivery period. In case the submission of DPR is delayed the upward variation of Taxes/Duties shall not be accepted.

15.0 ARTICLES OF ASSOCIATION:

- 15.1** All Bids must be accompanied by duly authenticated copies of the documents defining the constitution of the company, power of attorney and other relevant documents, and any bid submitted by a partnership firm must be accompanied by duly authenticated extracts from the partnership deed or other documents, so as to show by which person and in what manner contracts may be entered into by or on behalf of the company, partnership for the due execution of such contracts and responsibilities.
- 15.2** The said documents must be legalized by the local authorities at the place of issue. Such documents should indicate current address of the firm and full name and current address of all partners of the firm.
- 15.3** Any Bid not containing these documents, or if such documents are incomplete, or do not conform to the aforesaid forms, may at the discretion of the Purchaser be excluded from the judicature.

16.0 COMPLETION PERIOD:

- 16.1** Submission of Detailed Project Report comprising of Technical Specification and commercial aspects for establishment of grid connected (1) 15MW Floating solar Photo Voltaic plant on Raw water Reservoir at YTPS (5x800MW) (2) 28MW Ground Mounted solar plant on empty land at KTPP & (3) 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO, for installation of Floating solar plants & Ground mounted solar is the essence of the Contract and is subject to TGGENCO's standard PENALTY Condition.
- 16.2** The Services shall be completed within the shortest possible period, as per the following schedule. The **Completion Period**, shall be reckoned from the date of receipt of the Purchase Order.
 - a) Draft DPR shall be submitted within 20 days from the date of receipt of Purchase Order (6 Hard Copies and 1 soft Copy)
 - b) Final DPR shall be submitted within 10 days after receipt of comments /remarks from TGGENCO (6 Hard Copies and 1 soft Copy)
- 16.3** The Bidder shall mobilize their team along with equipment/material to commence the work immediately after receipt of Purchase Order.

17.0 PAYMENT TERMS:

- 17.1** The standard payment terms shall be 100% of the all-inclusive price of the contract value will be paid within 30 days from the date of receipt and acceptance of the Final DPR duly certified by the Superintending Engineer Project Irrigation/TGGENCO/Vidyut Soudha/Hyderabad.
- 17.2** Payments shall be made through RTGS payment mode against contractor's principle invoice
- 17.3** If the contractor has received any over payments by mistake or if any amounts are due to the Corporation due to any other reasons, when it is not possible to recover such amount under the contract resulting out of this order the Corporation reserves right to collect the same from any other amounts and/ or Bank Guarantee given by the supplier due to or with the Corporation.

18.0 PAYING OFFICER:

The Pay Officer , TGGENCO, Vidyut Soudha, Hyderabad – 500 082, Telangana, India will arrange the payment.

19.0 SECURITY DEPOSIT(SD)):

- 19.1** Bidder shall furnish the Security Deposit amount equivalent to 2.5% of the Contract value as per the prescribed proforma enclosed towards Security Deposit. The amount of Security Deposit shall be forfeited to the extent of financial loss suffered by the Corporation, if Contractor fails to execute the Order and fulfill its terms and conditions.
- 19.2** Security deposit may be furnished, by Demand Draft drawn in favour of the Pay Officer, TGGENCO, Vidyut Soudha, Hyderabad or Bank Guarantee in lieu of cash from any nationalized bank in prescribed Proforma which shall be furnished within 30 days from the date of receipt of Purchase Order.
- 19.3** Security deposit will be returned after approval of the final DPR
- 19.4** The Corporation shall at its discretion have recourse to the said Bank Guarantee for recovery of any or all amount due from, the Contractor in connection with the Purchase Order during 01 year period including any obligation. Checking/approval of Detail Project Report(DPR) by Corporation or any other agency on behalf of the Corporation shall not in any way relieve the Contractor from the responsibility from services during 01 year period.

20.0 BANK GUARANTEE GUIDELINES/FORMATS:

All Bank Guarantees submitted towards Security Deposit shall be executed by NATIONALIZED BANK's only and shall be as per the format & guidelines prescribed by TGGENCO.

21.0 GENERAL:

- (a) Consultant shall render the services in accordance with norms of CERC and with the norms issued by Government of India and subsequent amendments there on.
- (b) If during the One(1) year period following completion of the services, the TGGENCO shall notify consultant that any of the services or reports prepared by the consultant as a part of the services are not complied with the standard set out above, the firm shall, at no cost to the TGGENCO, correct such services.

22.0 PENALTY:

In case of delay in execution of the subject work within the stipulated schedule, TGGENCO may at its option demand and recover from you an amount equivalent to half percent (0.5%) of the value of the uncompleted portion for every week of delay or part thereof subject to a maximum of 5% of the order value. This right of TGGENCO shall be without prejudice to its rights, under the law including the right to cancel the contract.

23.0 Disclaimer:

- i) This Tender Specification, and any subsequent addenda/amendments etc, will be communicated to all the prospective bidders. The Bidders shall be solely responsible, for ensuring that their Bids are completely in line with the requirements stipulated therein.

- ii) Prospective Bidders are advised to intimate the undersigned, about their interest to participate in the tendering process, so as to enable this Office to keep them informed about any updates on the subject.
- iii) Any discrepancies in the requirements stipulated in these documents, shall be brought to the notice of the undersigned, and clarifications shall be obtained prior to submission of Offer itself.
- iv) Bidders are advised not to make any assumptions or inferences, on their own.
- v) In case the particulars furnished in the Price schedule are found to be at variance with the terms & conditions etc., indicated in the Bid, the Bid will be processed at the terms **which are more advantageous to TGGENCO.**
- vi) Notwithstanding anything stated above, TGGENCO reserves the right to assess the bidder's capability to execute the contract, should the circumstances warrant such assessment in the Overall interest of TGGENCO. In respect of evaluation of the Bidders, the decision of TGGENCO is final.
- vii) It is not binding on TGGENCO to accept the lowest Bid, or any other Bid. TGGENCO reserves the right to place Orders on different Bidders or reject any or all tenders without assigning any reason.
- viii) The Bids will be opened at the time and date specified in the tender notice by Superintending Engineer/ Hydel Designs-II or his authorized assistant in the presence of such of the bidders or their authorized representatives with valid authorization, who may desire to be present.
- ix) If due date for opening of the tenders happens to be a Public holiday, the opening of tenders will be done on the next working day at the same time specified originally for opening.

24.0 OPENING OF TENDERS:

- 24.1** Bids will be opened by Superintending Engineer, Project Irrigation (PI), TGGENCO, Vidyut Soudha, Hyderabad-500082, TELANGANA or his authorized representative at HPC Wing, A-Block, Vidyut Soudha, Hyderabad on the day they are due as specified in NIT.
- 24.2** If the bid-opening day falls on a Holiday/Declared as Holiday the bid will be opened on the succeeding working day.

25.0 EXECUTION ON SITE ACTIVITIES:

- a) The Bidder shall conduct detailed field study wherever required for Floating solar at YTPS and units which shall be carried out with best Skills & Know-how available.
- b) The Bidder shall program execution of the activities covered in the scope of this contract in such a manner, so as to ensure completion in the shortest possible period. The Bidder shall make all possible on-site arrangements well in advance, so as to facilitate immediate commencement of work.
- c) The contractor shall mobilize and deploy adequate manpower, materials & other resources at site, so as to ensure that the work is executed comprehensively & satisfactorily, well within the scheduled period.
- d) The work should be carried out without hindrance to the normal operation of the power house and also in full cooperation & co-ordination with other contractors, if any, for other works.

26.0 ARRANGEMENTS WITHIN CONTRACTOR'S SCOPE:

All necessary equipment's/facilities, except those explicitly stipulated to be within **TGGENCO's scope, shall be arranged by the CONTRACTOR, at his cost.**

27.0 STATUTORY PERMISSIONS/REQUIREMENTS:

Unless stipulated other-wise, the contractor shall be solely responsible, even in the event of sub-letting, for ensuring full in compliance with all the rules & regulations stipulated in relevant Acts of the central or state Governments, including those applicable to employment of labour (Such as EPF,ESI/GIS etc), such as the Indian Electricity Act, Minimum Wages Act etc, whether such Acts are indicated explicitly or not. The contractor shall obtain at his own cost, any & all statutory permissions, required for carrying out the subject work.

28.0 INDEMNITY:

The Contractor shall fully indemnify TGGENCO, against all claims of any nature arising during the course of executing this contract.

29.0 INSURANCE FOR MATERIAL/EQUIPMENT & PERSONNEL:

Insurance Cover for the Personnel & Material/Equipment deployed by the Contractor at Site, against all types of risks during the execution period, shall be in the scope of the Contractor, and at his cost. No compensation will be paid by TGGENCO, if any incidents occur to the workers employed by the contractor while carrying out the work.

30.0 DAMAGES TO CORPORATION PERSONNEL OR PROPERTY:

The Contractor shall make good, at his own cost, any/all damages to the property and personnel of corporation within power stations area's arising out of the negligence on the part of himself or his employees.

31.0 CO-ORDINATION AND CO-OPERATION:

The successful bidder shall fully co-ordinate with TGGENCO staff and other contractors connected with other works of the plant to ensure complete co-ordination in well in all respects.

32.0 INSURANCE & LABOUR LICENSE:

Contractor is responsible for all the accidents and the consequences due to any accidents that take place inside or outside the premises to their workers. TGGENCO will pay no compensation if any, accidents occurred to his workers while carrying out the work. Insurance against all types of risk for the contractor's workers during the period of execution of the work will have to be arranged by the contractor at his own cost before commencement of work.

The contractor should possess the valid labour license for the labour engaged if any by him.

33.0 VARIATION IN STATUTORY LEVIES:

Any variation, upward or downward in statutory levies or any new levy is introduced after opening of the bids/placement of orders shall be to the account of corporation unless otherwise mentioned in the P.O. provided that in cases where delivery schedule is not adhered to by the supplier and there are upward variations/revision after the agreed delivery date, the bidder/supplier shall bear the impact of such increased levies and if there is downward variation/revision the corporation shall obtain advantage to that extent.

34.0 ACCEPTANCE OF ORDER:

The Purchase orders shall be sent to supplier in duplicate and he shall return one copy along with enclosures, duly signed and stamped, within 15 days in token of having received and accepted the order.

35.0 JURISDICTION:

All and any dispute or difference arising out of or touching this order shall be dedicated only by the courts or Tribunals situated in Hyderabad/ Secunderabad.

For the purpose of any legal obstruction, the material, spares etc. should be deemed to pass into company's owner ship only at the destination stores where they are delivered and accepted

36.0 DISCLAIMER:

36.1 This Tender Specification, and any subsequent addenda/amendments etc, will be made available to the prospective bidder. The Bidders shall be solely responsible, for ensuring that their Bids are completely in line with the requirements stipulated therein.

36.2 The Specifications stipulated in these documents, are indicative only. It is the responsibility of the Bidders to ensure correctness of the same. If necessary, they may depute their representatives to the respective site, to collect all necessary data particulars etc.

36.3 Any discrepancies in the requirements stipulated in these documents, shall be brought to the notice of the undersigned, and clarifications shall be obtained prior to submission of bid itself. **Bidders are advised not to make any assumptions or inferences, on their own.**

36.4 Notwithstanding anything stated above, TGGENCO reserves the right to assess the bidders capability to execute the contract, should the circumstances warrant such assessment in the Overall interest of TGGENCO. In respect of selection of the bidders, the decision of TGGENCO is final.

36.5 TGGENCO reserves the right to split the order on more than one bidder, in any manner or reject any or all bids without assigning any reason.

36.6 Rejection of Tenders: The tender will be rejected if it is,

- (a) Not confirming to the Tender specification.
- (b) With validity period less than what is specified in the tender.
- (c) Not accompanied by the required EMD.
- (d) From a black listed firm or contractor.

36.7 TGGENCO reserves the right,

- (a) Not to accept the lowest or any tender.
- (b) To divide/split and award the contract to one or more contractors if necessary.
- (c) To revise quantum/schedule of any or all the items covered by this specification while placing orders.
- (d) To reject/cancel any or all the tenders at any stage without assigning any reason.
- (e) To relax/waive any of the conditions stipulated in the Tender specification as deemed necessary in the interest of the organization.

SD/-

**SUPERINTENDING ENGINEER
PROJECT IRRIGATION**

SECTION-II
GENERAL INSTRUCTIONS TO THE BIDDER

GENERAL INSTRUCTIONS:

- 1.0** The Successful Bidder shall depute Qualified Personnel to the site, along with necessary material/equipment etc, for studying local Conditions and measurement and also for collection of relevant data etc.
- 2.0** Since, Detail Project Report(DPR) involves various activities the Bidder shall Program Execution of Work in such a manner, so as to ensure completion in the shortest possible period.
- 3.0** The Successful Bidder shall mobilize and deploy adequate manpower, material & other resources at site, immediately on receipt of P.O from TGGENCO, to ensure that the On-Site activities are completed comprehensively & satisfactorily within the schedule period. The Bidder shall indicate, in his Offer, the number of personnel who will be deployed at Site, and the period required for executing the job.
- 4.0** The work should be carried out without hindrance to the normal operations of the power house and also in full Cooperation & Co-ordination with other contractors, if any, for other works.
- 5.0** Recommendations shall be proposed duly taking the following aspects into consideration.
 - (a) They shall be comprehensive and complete in all respects.
 - (b) The Site Conditions/Constraints shall be taken into account, and the Modifications required at Site shall be limited to the barest minimum possible.
- 6.0** Insurance Cover and Arrangements for To & Fro travel, Lodging & Boarding for the deputed Personnel shall be in the Contractor's Scope.
- 7.0** **DOCUMENTS TO BE SUBMITTED**
 - a) All stipulated Bid schedules, duly filled in, signed & stamped along with supporting documentation.
 - b) Documents in support of financial status, Purchase Orders, Invoice copies and Work completion reports or such other documents to establish satisfactory completion of work.
- 8.0** The evaluation of the bids will be carried out as per the furnished information only.

Notwithstanding anything stated above, TGGENCO reserves the right to assess the bidder's capability to perform the contract, should the circumstances warrant such assessment in the overall interest of TGGENCO.

Responsibility for correctness of the information submitted in the bid lies with bidder. If any information furnished in the bid is proved to be false at a later date, the bid will not only be rejected but the bidder will be BLACKLISTED.

SD/-

**SUPERINTENDING ENGINEER
PROJECT IRRIGATION**

III. DETAILED SCOPE OF WORK

The scope of services under this contract for Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of **(1)** 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)**(2)** Establishment of 28MW Ground Mounted solar plant on empty land at KTPP & **(3)** 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO"covers the following:

- Inspection of site, site elevation for feasibility, collection of various data with respect to various infrastructure requirements and environmental aspects, soil investigation connectivity etc of the project. And
- Bidder shall carry out the detailed site survey, study the, Topography study, Hydrology study, bathymetric Survey of the water body, shall apprise himself regarding information such water properties, depth of reservoir, variation in the depth of water reservoir, water flow rate, climatic conditions
- Bidder shall be deemed to have visited and carefully examine the site and surroundings
- Shadow analyses for the site shall be conducted
- Radiation analysis on past 20Years data and in –depth and detailed evaluation of site with regard to effects of radiation.
- Preparation of site plans for finalization layouts
- Formulation of site selection reports and preparation of best technology options.
- Demand analysis in the region and the need for the proposed power generation facility
- Least cost option evaluation
- Water requirement and its source
- Design philosophy, designing of technical data of tender document and system description
- Plant layout and preparation of single line diagrams.
- Plan for the dispatch of the electrical power generated and energy evacuation plan as per Telangana State Solar Power Policy 2015
- Project implementation/ preparation of PERT and CPM charts to meet challenging schedules of deadlines of the project.
- Plant operation and manpower requirement
- Financial analysis including Return of investment, Levelised Tariff etc with assumptions considered (as per TSERC norms)
- Description of salient features of mechanical and electrical equipment and design considerations of Civil and Structural Engineering works: While furnishing salient features, justification for capacities of various equipment, main plant as well as auxiliary systems should be furnished.
- Design consideration for adoption or recommending latest Civil and Structural Engineering as well as the systems proposed.
- Environmental Aspects: The standards stipulated by Telangana State Pollution Control Board and Central Pollution Control Board/ MOEF if any have to be indicated in addition to filling up the data in the prescribed formats, which may go into the report.
- State of the Art Technology: State of the Art Technology and most sophisticated modern systems shall be incorporated in the selection of the technical features of various plants and equipments of solar plant.
- Modern Instrumentation and Control System: CRT based, Digital Distributed Control system for entire plant control, indication/ Annunciations/ Monitoring/ and Operation and for Training shall be incorporated

- Best Construction Methods: Best and most modern construction practices in respect of various civil constructions like foundations, structures, channels, surface and underground `2Q` drainage equipments, etc shall be adopted.
- Project cost estimates: Project cost estimate shall cover the detailed cost for civil works, Electrical and Mechanical equipment and other associated auxiliary equipment etc. The detailed breakup of cost estimates shall be furnished.
- Cost of Generation: Various assumptions for arriving at the cost of generation must be clearly indicated. Latest accepted rates as per TGERC & CERC guidelines for interest, depreciation, plant life, O & M Expenses, return on capital etc shall be adopted.
- Any other items specially whether mentioned here or not required for construction of the Floating and Ground mounted projects, shall also be incorporated while formulating the Detailed Project Report.
- Further while preparing DPR /designing of tender document, the important requirements of TGGENCO such as per the latest norm and guidelines by TGERC/CERC/MoP for establishment of floating solar plant& Ground mounted.

SD/-
SUPERINTENDING ENGINEER
PROJECT IRRIGATION

SCHEDULE-A

Proforma of summary price proposal for DPR Preparation for 15MW floating solar at YTPS ,
28MW Ground Mounted solar plant on empty land at KTPP & 13MW Floating Solar plant on
raw water reservoir at KTPP

Name & Address of Bidder:

To,

M/s TGGENCO

Dear Sir,

Ref:- Our offer No _____ dated _____ against tender enquiry No. _____
dated _____.

- : & : -

We declare that following are our prices for "Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of **(1)** 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)**(2)** Establishment of 28MW Ground Mounted solar plant on empty land at KTPP & **(3)** 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO". These prices are for the entire scope of work as indicated in your specification and documents, terms and conditions mentioned in Bid Documents except deviation incorporated in Statement of Deviations.

Sl. No.	Item Description	Rates in Rupees	
		In Figures	In Words
1.	Ex-works Price		
2.	GST (%)		
3	Packing and forwarding charges		
4	Any other Taxes and duties		
5	Total		

Signature of the Bidder with Seal

SCHEDULE -B***SCHEDULE OF PRICES***

Subject: Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of **(1)** 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)**(2)** Establishment of 28MW Ground Mounted solar plant on empty land at KTPP &**(3)** 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO"

Sl.No.	Description	Quantity	TOTAL Price in Rs.
1)	Preparation of Detailed Project Report (DPR) comprising of Technical Specification and commercial aspects for establishment 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW) TGGENCO	LS	
2)	Preparation of Detailed Project Report (DPR) comprising of Technical Specification and commercial aspects for establishment 28MW Ground Mounted solar plant on empty land at KTPP	LS	
3)	Preparation of Detailed Project Report (DPR) comprising of Technical Specification for 13MW Floating Solar plant on raw water reservoir at KTPP	LS	
GST as applicable			
GRAND TOTAL			

**Signature of the Tenderer
(With office seal)**

SCHEDULE-C**Proforma for Terms and Conditions**

(Bidders are requested to fill in the blank space and upload, while submitting tenders)

Bidders are requested to fill in the blank space and send the same along with offer otherwise their offer will be either treated as non-responsive or suitable cost compensated for deficiencies as deemed fit by the Corporation.

01. Tender Specification No., date and due date:
02. Offer/quotation No. & Date :
03. Details of the bidder :
 - i. Name and address of the bidder
 - ii. Phone and Fax No.
 - iii. Name of the contact person
 - iv. Mobile No
04. GST Registration No. :
05. DGS&D's Registration No., if any :
(Please enclose copy of rate contract, if any)
06. NSIC/SSI Registration No., if any :
(Copies of certificates to be enclosed)
07. Price Basis (F.O.R.) :
08. Discount, if any :
09. Packing and forwarding charges :
(If price basis ex-works)
10. GST : Included/Excluded
11. Freight charges inclusive of GST : Included/Excluded
12. Transit Insurance inclusive of GST : Included/Excluded
13. Whether TGGENCO Terms of payment :
Acceptable
14. Delivery Period : a) Draft DPR shall be submitted within 20
days from the date of receipt of Purchase
Order (6 Hard Copies and 1 soft Copy)
b) Final DPR shall be submitted within 10 days
after receipt of comments /remarks from
TGGENCO (6 Hard Copies and 1 soft
Copy)
15. Whether delivery is made in whole/ :
Phased delivery
16. Mode of dispatch :
17. Confirmation of submission of Security deposit Bank :
Guarantee/ Demand Draft for 2.5% of order value
(for satisfactory fulfillment of the contractual obligations)

We Confirm acceptance towards the following:

18. Validity of offer : 180 days from the date of opening of pre-qualification & Technical bids.
19. Recovery of Liquidated Damages : In case of delay in Execution of order beyond stipulated delivery period, TGGENCO reserves the right to recover from the vendor Liquidated Damages equivalent to 0.5% of the value of

delayed materials/WORK for each week or part thereof subject to maximum of 5% of total value of Purchase Order.

20. Part order : Not Acceptable
21. Price Variation : The prices quoted shall remain firm till execution of full order
22. Rate Certificate : It is certified that prices quoted herein are the same as applicable to other government Departments/ Public Sector Undertakings.
23. Authenticity Certificate : Authenticity certificate in line with the above shall be submitted.

(Signature of Bidder with Name, Designation and Office Seal)

SCHEDULE-D**STATEMENT OF DEVIATIONS****SCHEDULE OF DEVIATIONS FROM COMMERCIAL AND TECHNICAL SPECIFICATIONS**

I/We confirm that following are the only deviations and variations from any exception to specifications and tender documents, which are irrespective of what-so-ever has been stated to the contrary anywhere else of our offer. These deviations and variations are exhaustive. Except for these deviations, the entire work shall be executed as per specifications and tender documents. Further, we agree that those additional conditions, if any, found in our offer, other than those stated below, except the conditions pertaining to any rebates offered by us, shall not be given effect to.

Sl.No.	Section	Clause No.	Deviation	Maximum Financial Implication in Rupees (in case of withdrawal *) (Both in figures and words)
(1)	(2)	(3)	(4)	(5)
1				
2				
3				

Note: All deviations from the specification shall be filled in by the bidder, clause by clause, in this statement. Unless specifically mentioned in this statement, the bid shall be deemed to be conformed to the TGGENCO's specification.

* Here the bidder should indicate the amount of money, if any, which he would, charge extra (i.e., in addition to the tender percentage quoted by him) for withdrawal of his conditions/deviations and accepting the condition as stipulated in tender documents. (Use additional sheet of the same size and format if necessary).

Signature of the Tenderer

(SCHEDULE-E)**ELIGIBILITY & EXPERIENCE**

(The Bidders have to furnish the following filled information, while submitting the tenders along with their PO copies & Invoices)

For the year 2019-20

Sl.No.	Name of the company	Full Address Phone/ Fax No.	Purchase Order No./ date	Unit Capacity
1				
2				
3				

For the year 2020-21

Sl.No.	Name of the company	Full Address Phone/ Fax No.	Purchase Order No./ date	Unit Capacity
1				
2				
3				

For the year 2021-22

Sl.No.	Name of the company	Full Address Phone/ Fax No.	Purchase Order No./ date	Unit Capacity
1				
2				
3				

For the year 2022-23

Sl.No.	Name of the company	Full Address Phone/ Fax No.	Purchase Order No./ date	Unit Capacity
1				
2				
3				

For the year 2023-24

Sl.No.	Name of the company	Full Address Phone/ Fax No.	Purchase Order No./ date	Unit Capacity
1				
2				
3				

SCHEDULE – F
FINANCIAL, BUSINESS AND TECHNICAL CAPABILITY

(To be enclosed in prequalification bid)

Name and address the tenderer:

Telephone No.:

1. Latest Balance sheet filed with _____ (Copy attached)

2. Latest profit and loss statement from _____ to _____ on _____ (Copy attached)

3. Financial Position:

- a. Cash
- b. Current assets
- c. Current Liabilities
- d. Working capital
- e. Current Liabilities

4. Total liabilities

- a. Current ratio
Current assets to
Current Liabilities

b. Test Ratio :

Cash, temporary investment held in lieu of cash and current receivable to current Liabilities

- c. Total liability to Net worth
Capital
Authorized
Issued

Annual value (Turn over) of erection/work undertaken for each of the last five years and projected for current year:

Year	Last	2 nd last	3 rd last	4 th last	5 th last
Home					
Aboard					

1. Net Profit before tax;

- a. Current period
- b. During last financial year
- c. During the year last financial year.

d. The profit and loss statements have been certified through _____ by _____

2. Financial arrangements (Check appropriate item)

- a. Own resource
- b. Bank Credits
- c. Others (Specify)

3. Certificate of financial soundness from Bankers of applicants.

4. The copies of "Annual Report: of the company for last five years may be attached

Seal of the Tenderer
Signature, Designation

and address of the Tenderer.

SCHEDULE-G
Proforma of Letter of Authority
 (To be furnished on Principal's Letterhead)

To,
 The Superintending Engineer,
 Project Irrigation
 Telangana Generation Corporation Ltd
 Vidyut Soudha, 'A' Block, Khairatabad,
Hyderabad - 500082

Dear Sirs,

Ref: Tender Enquiry No., Due opening date on / /2025 @ 15.00 hrs.

* * *

In connection with your above tender enquiry M/s_____

(Name and full address_____ Telephone No._____

And Fax No._____) have been duly authorized by the undersigned to act as an agent on our behalf.

We confirm that any offer/commitment made by them including price, technical specifications and delivery schedule shall be binding to us and we further confirm that we shall fully abide by the said conditions.

This authority shall be irrevocable and remain valid during the period of contract, if awarded by TGGENCO.

Thanking you,

Yours faithfully

Date
Place

For and on behalf of _____

Signature-----

Name-----

Designation-----

(Company's Seal-----)

SCHEDULE-H**(To be furnished on Principal's Letterhead)****LETTER OF TRANSMITTAL**

From:

To

The Superintending Engineer,
Project Irrigation
TGGENCO,
Vidyut Soudha, Hyd-82.

Dear Sir,

i) Tender no.

ii) Specification no.

iii) Item of work.

1. Having examined the above specification, together with the accompanying general conditions therein referred to, we hereby offer to supply materials described in the said specification according to the said specification and general conditions at the rates entered in the contract schedule of prices attached to the price bid.
2. We hereby undertake to have the materials delivered within the time specified in the schedule.
3. We hereby guarantee the particulars entered in the schedules attached to the bid.
4. In accordance with **security deposit clause of tender specification** of this specification we propose to furnish securities to the extent of 2.5 % of the value of the contract.
5. We hereby agree to make the supplies as per the terms and conditions

Yours faithfully,

Signature:

Date:

SCHEDULE –I**PARTICULARS OF TENDERER**

Name of the work: "Preparation of Detailed Project Report(DPR) comprising of Technical Specification and commercial aspects for establishment of grid connected of **(1)** 15MW floating solar Photo Voltaic (FSPV) plant on Raw water Reservoir at Yadadri Thermal Power Station (YTPS) (5x800MW)**(2)** Establishment of 28MW Ground Mounted solar plant on empty land at KTPP & **(3)** 13MW Floating Solar plant on raw water reservoir at KTPP in TGGENCO

Name of the Tenderer/ Contractor. :

Name of the contact person responsible for the work. :

Designation/ Status of the contact person. :

Contact details of person responsible for the work.

Mobile Phone No. :

Office Phone No. :

Residence Phone No. :

Any other Phone No. :

Present Address :

Permanent Address :

Signature of the Tenderer

SCHEDULE-J**PROFORMA FOR THE CERTIFICATE TO BE GIVEN BY THE TENDERER**

I _____ certify that all the above
 typed in data and information on Sheets _____ through
 _____ are correct and give a true
 representation of the Equipment covered by our Proposal Number _____ dated

I hereby certify that I am duly authorized representative of the supplier whose name
 appears above my signature.

Bidder's Name: _____

Authorised

Representative's

Signature: _____

Authorised

Representative's

Name (Typed): _____

Authorised

Representative's

Designation: _____

Suppliers Name.

Bidder's Intent: The Bidder hereby agree to fully comply with the requirements and intents of
 the subject tender specification for the price(s) indicated in the price bid.

Authorized Representative's Name.

Signature with date :

Designation :

Seal:

SCHEDULE-K
TELANGANA POWER GENERATION CORPORATION LIMITED
O/o Superintending Engineer/Project Irrigation/Vidyut Soudha/Hyderabad – 500082
Ph/Fax.No.040 – 23499311/312/805

Guide-lines for Submission of Bank Guarantee

The Bank Guarantee shall fulfill the following conditions failing which it shall not be considered valid:

1. Bank Guarantee shall be executed on non-judicial stamp paper of applicable value purchased in the name of bank.
2. Non-judicial stamp paper shall be used within 6 months from the date of purchase. Bank Guarantee executed on the stamp paper of more than 6 months old shall be treated as invalid.
3. The contents of the Bank Guarantee shall be as per our Proforma.
4. The Bank Guarantee should be executed by a nationalized Bank.
5. The executor of Bank Guarantee (Bank Authority) should mention the Power of Attorney No. and date executed in his/her favour authorizing him/her to sign the document or produce the Photostat copy of Power of Attorney.
6. All conditions, corrections, deletion in the Bank Guarantee should be authenticated by signature of Bank Officials signing the Bank Guarantee.
7. Each page of Bank Guarantee shall bear signature and seal of the Bank.
8. Two persons should sign as witnesses mentioning their full name and address.
9. Bank guarantee Check list

S.No.	Checklist	YES	NO
1. a.	Is the BG executed on non-judicial stamp paper of appropriate value?		
b.	Is the date of sale of non-judicial stamps paper is not more than six months prior to date of execution of BG?		
2.	Whether the BG has been issued by a scheduled Bank or Bank acceptable to TGGENCO (applicability of the bank should be in line with the provision of tender documents).		
3.	Is the foreign bank guarantee, confirmed by a Nationalized/ scheduled bank in India (as applicable)?		
4.	Does the content of BG compare with standard TGGENCO Proforma?		
5.	Is the amount and validity of BG in line with tender enquiry/purchase orders provision?		
6. a.	Are the factual details such as Tender Enquiry No., Bid specifications No., PO value etc. are correct?		
b.	Whether overwriting /cutting, if any, on the BG authenticated under the signature and seal of Executing Officer of the Bank?		
7. a.	Has the executing officer of the bank indicated his name, designation and power of attorney No. / Signing Power No. etc. on BG?		
b.	Is each page of BG duly signed/initialized by the executing officer and last page is signed with full particulars as required in the TGGENCO's standard proforma of BG and under the seal of the Bank?		
c.	Is BG No. and Date mentioned on all the pages of BG?		
d.	Does the last page of BG carry the signature of two witnesses alongside the signature of the executing officer?		

Annexure-I
Details to be furnished by the Tenderer

CHECKLIST TO ACCOMPANY THE TENDER DOCUMENTS

Sl. No.	Description	Submitted	Page No. (see Note below)
(1)	(2)	(3)	(4)
1	Proforma of Summary Price Proposal in Schedule-A	Yes / No	
2	Schedule of Prices in Schedule-B	Yes / No	
3	General Terms & condition in Schedule-C	Yes / No	
4	Statement of Deviations as per schedule-D	Yes / No	
5	Eligibility & Experience as per schedule-E	Yes / No	
6	Financial, Business and Technical capability in schedule-F	Yes / No	
7	Proforma of letter of authority as per Schedule -G	Yes / No	
8	LETTER OF TRANSMITTAL in schedule-H	Yes / No	
9	Particulars of tenderer in Schedule -I	Yes / No	
10	Proforma for the certificate to be given by the Tenderer as per schedule -J	Yes / No	
11	Guideline for submission of Bank Guarantee as per schedule -K	Yes / No	
12	Copy of Permanent Account Number (PAN) card, a copy of latest income tax return and EPF/GIS submitted online or directly, along with the proof of receipt in case of direct submission.	Yes / No	
13	Registration copy under GST and HSN/SAC code. If the GST registration is in process, a copy of GST provisional number can be furnished.	Yes / No	
14	List of certificates enclosed	Yes / No	

Notes:

1. The schedules furnished shall be in the formats appended to the tender document.
2. The information shall be filled-in by the bidder in the checklist and schedules , and shall be enclosed to the Prequalification/Technical bid for the purposes of verification as well as evaluation of the tenderer's Compliance to the qualification criteria as provided in the Tender document. All the Certificates, documents, statements as per check-list shall be submitted online by the bidder.
3. The bidder shall sign on all the statements, documents, certificates uploaded by him owning the responsibility for their correctness/authenticity

Proforma-I**BANK GUARANTEE PROFORMA FOR EARNEST MONEY DEPOSIT**

(This Deed of Bank Guarantee has to be executed on a Non-Judicial stamped paper worth Rs.100/-)

Whereasregistered.....and having its registered office at (here-in-after called the "tenderer") has submitted their bid dated.....for the supply of.....(Here-in-after called "the Bid")..... KNOW ALL MEN by these presents that we..... (Hereinafter called "the Bank") are bound unto Chief Engineer/HPC&HP, TGGENCO,Vidyut Soudha, Hyderabad. (hereinafter called "the purchaser") for and on behalf of the above said bidder to the sum of Rs. for which payment will and truly to be made to the said purchaser, the bank binds itself, its successors and assigns by these presents, subject to the conditions here in after contained; and Sealed with the common Seal of the said Bank thisday of.....2025 ;

THE CONDITIONS OF THIS OBLIGATION ARE:

1. When the successful tenderer does not accept the order after issue of preliminary acceptance letter / letter of intent / purchase order;
2. When the successful tenderer fails to furnish the security deposit within 30 days from the date of issue of preliminary acceptance letter or the letter of intent or Purchase Order;
3. When the tender is disqualified for reasons outlined in **the bid documents**; and
4. When the tenderer alters his prices or withdraws his offer during the validity period,

We undertake to pay to the purchaser the above amount within immediately and unconditionally without any delay demur upon receipt of its first written demand without the purchaser having to substantiate his demand, without referring to the supplier and without questioning the right of TGGENCO to make such demand or the propriety or legality of the demand provided that in its demand the purchaser will note that the amount claimed by it is due to it owing to any of the occurrence of the above mentioned conditions, specifying the occurred condition or conditions.

Notwithstanding anything contained in the foregoing our liability under this guarantee is restricted to Rs..... Our guarantee shall remain in force until _____. Unless a claim is made to the Bank within 3 months from that date, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

We..... Bank Ltd., undertake not to revoke this guarantee during its currency except with the prior consent of the Corporation, in writing.

We, (Bank Name, Branch and address), further agree that this Bank Guarantee is

- a. Unconditional and absolute, and
- b. Without any delay or demur if claim arises.
- c. Guarantee all the losses, claims, damages and costs suffered by TGGENCO.

Dated the..... day of.....2025 for..... Bank Ltd.,

Witness:

1.

2.

Signature:

Designation:

Address:

Ph No./ Fax No.

email ID

seal of the Bank:

Note: The Bank Guarantee shall be valid for a period of 180 days from the date of opening of bid with a claim period of 3 months.

(Note: PEMD in the form of Bank Guarantee should be furnished and got approved from this office prior to the submission of tender. Tenderer need only refer to approval letter and also upload a copy of the same along with offer.)

Proforma-II**TELANGANA STATE POWER GENERATION CORPORATION LIMITED
PROFORMA FOR SECURITY DEPOSIT BANK GUARANTEE**

(This Bank Guarantee has to be executed on a Non-Judicial stamped Paper worth Rs:100/-)
In consideration of the Telangana State Power Generation Corporation Ltd (hereinafter called 'the Corporation') having agreed to exempt M/s..... (Hereinafter called the said contractors (s)) from the demand, under the terms and conditions of the purchase order No.....made between the Corporation and M/s For.....(Hereinafter called "The said agreement" of security deposit for the due fulfillment of the said agreement on production of a bank guarantee for Rs..... (Total Rupees Only). We Bank Ltd., do hereby undertake to indemnify and keep indemnified the Corporation to the extent of Rs:(Total Rupees Only) against all the losses, damages, claims and costs caused to or suffered by the Corporation by reason of breach by the said contractor (s) of any of the terms and conditions contained in the said agreement.

We..... Bank Ltd., further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Corporation under or by virtue of said agreement have been fully paid and its claims satisfied or discharged or till Chief Engineer/HPC&HP, TGGENCO certifies that the terms and conditions of the agreement have been fully and properly carried out by the said contractor (s) and accordingly discharges the guarantee, subject to however, that the Corporation shall have no rights under this bond after the expiry of..... (Period) from the date of its execution.

We the guarantor bank undertake to pay the amount guaranteed here-under or such part thereof as required within immediately and unconditionally of the sum being demanded by the Corporation without referring to the supplier and without questioning the right of the Corporation to make such demand or the propriety or legality of the demand.

Notwithstanding anything contained in the foregoing our liability under this guarantee is restricted to Rs:(Total Rupeesonly). Our guarantee shall remain in force until.....Unless a claim under the guarantee is made against us within six (06) months from the date, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liabilities hereunder.

We.....Bank Ltd., undertake not to revoke this guarantee during its currency except with the prior consent of the Corporation, in writing.

We, (Bank Name, Branch and address), further agree that this Bank Guarantee is

1. Unconditional and absolute
2. Without any delay or demur if claim arises.
3. Guarantee all the losses, claims, damages and costs suffered by TGGENCO.

Dated the..... day of.....2025 for..... Bank Ltd.,

Witness:

1.

2.

For Bank.

Signature:

Designation:

Address:

Ph No/Fax No:

email ID

Seal of the Bank: