

NOTICE INVITING TENDER
ADVERTISED TENDER ENQUIRY

GOVT OF INDIA, MINISTRY OF HOME AFFAIRS

Tender No. VIII.11014/7541/Solar (M&O)/HQ 10 Sect AR/Engr-2022/

Dated : Jan 2022

1. Director General Assam Rifles, on behalf of the President of India, Invites e-tenders for the “**Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR**” from eligible Assam Rifles Contractor & Registered/Eligible Bidders with CPWD/PWD & other Central/State Govt Department as per tender conditions.

S/No	Name of work	Contract Amount	EMD Amount	Tender Fee
(a)	Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR	32,74,793/-	65,500/-	1,500/-

2. Last date for uploading the tender documents by bidders duly completed in all respect is as per NIT.

3. The lump sum amount to be quoted for the entire work by the tenderers shall include all taxes including GST, ESIC, EPF and LWC etc. as applicable at the time of awarding of contract and during the execution of work till completion.

4. Tender fee is required to be submitted through SBI in the form of Account payee, Demand Draft, Bankers cheque or e-payment and treasury challan etc in favour of **HQ DGAR payable at SBI, Laitkor under Head of Account 0055 Police (A-5) Assam Rifles, Misc Tender Fee**

5. The Director General Assam Rifles as the CFA reserves the right to reject or accept any application/tender without assigning any reasons.

Note : The complete tender documents can be accessed & downloaded from CPP Portal <http://eprocure.gov.in/eprocure/app> Please check regularly the website for any changes/modification/ amendment in the Tender Enquiry. This TE is being issued with no financial commitment and DGAR reserves the right to change or vary any part thereof at any stage. He also reserves the right to withdraw the TE, should it become necessary at any stage.

6. Assam Rifles Registered /enlisted contractors are excepted from submitting following documents however they have to upload the recent valid enlistment letter issued by HQ DGAR:-

- (a) Affidavit for constitution of firm or power of attorney.
- (b) Works executed or performance statement of the firm in the last 03 years.
- (c) Affidavit for employment of Engineers.

7. Hard copy of tender fee and EMD to be submitted on or before tender opening date.

(Pushpender Singh)
Lt Col
SO 1 (Wks)
for Chief Engineer

Distribution:-

1. DGAR (Engr Branch) - for info please.
Shillong-793010
2. DGAR - You are requested to pub the above tender notice on AR
(EDP Cell) website. Soft copy of this tender notice forwarded through
Shillong – 793011 ARMS please.
3. All IGAR/Sector / ARTC & S - For info and wide publicity please.
4. Notice board
5. Est Branch (Internal) - You are requested to detail a BOO for opening of e-tender

INVITATION TO ONLINE TENDER
GOVT OF INDIA, MINISTRY OF HOME AFFAIRS
DIRECTORATE GENERAL, ASSAM RIFLES
ENGINEER BRANCH, SHILLONG-10

Tender No. VIII.11014/7541/Solar (M&O)/HQ 10 Sect AR/Engr-2022/

Dated : _____ 2022

1. For and on behalf of the President of India, the Directorate General Assam Rifles, Shillong invites online tenders under Two Bid System (Technical and Financial Bid) on the prescribed form, for **“Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR”** from Eligible Assam Rifles Contractor & Registered/Eligible Bidders with CPWD/PWD & other Central/State Govt Department.

S/No	Name of work	Approximate Cost	EMD Amount	Tender Fee
(a)	Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR	32,74,793/-	65,500/-	1,500/-

2. Eligible Assam Rifles Contractor & Registered/Eligible Bidders with CPWD/PWD & other Central/State Govt Department, who are in a position to undertake the **“Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR”** in accordance with the requirements stated in the attached schedule to tender, should be fill in and submit / upload completed tender on CPP Portal through Open Bid on “WWW.eprocure.gov.in”.

3. **Signing and uploading of the duly filled tender document will be considered as acceptance of the tender/contract terms and conditions.**

4. You are requested to study the tender document completely and ensure all documents pages and annexure to the tender are completely and correctly filled in and stamped wherever applicable then scanned and uploaded on CPP Portal through Open Bid on “WWW.eprocure.gov.in”. **No change in format of Appendix/Tables/Certificates is permitted if any change is found the bid will become invalid and liable to be rejected.**

5. This online Tender is **NOT** transferable.

6. This tender enquiry has the following chapters and appendices :-

Schedule To online Tender			Page No.
1.	Chapter I	Instructions to Bidder	Page-02-14
2.	Chapter II	Schedule of Requirement	Page-15-17
3.	Chapter III	Technical Specifications	Page-
4.	Chapter IV	Performa for compliance to specifications	Page-18-19
5.	Chapter V	Standard Forms to be uploaded by bidders	
6.	Appendix-1	Performance Statement	Page-20
7.	Appendix-2	Certificate of acceptance	Page-21
8.	Appendix-3	Performa for “e-payment”	Page-22
9.	Appendix-4	Non Black Listing Certificate	Page-23
10.	Appendix-5	Guarantee/ Warranty Certificate	Page-24
11.	Appendix-6	Undertaking for no use of undue influence	Page- 25
12.	Appendix-7	Bank Guarantee Format for furnishing Earnest Money Deposit (EMD)	Page-26
13.	Appendix-8	Financial Stability Certificate	Page-27
14.	Appendix-9	Price Schedule (Billing on quantity) (BoQ)	Page-28-31

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

CHAPTER-I
INSTRUCTIONS TO BIDDER
(THIS TENDER SET IS NOT TRANSFERABLE)

7. All Tender documents attached with this invitation to tender including the specifications are SACROSANCT for considering any offer as complete offer, it is therefore important that Tender Acceptance Letter which is a written undertaking containing all the terms and condition of the tender are understood, accepted, signed scanned and submitted only on CPP Portal through Open Bid on "WWW.eprocure.gov.in".
8. Tenderer is advised to carefully go through all the conditions and documents attached with this tender enquiry, before uploading the tender.
9. **All tender documents must be duly completed, signed by authorized signatory on each page scanned and uploaded.**
10. Tenderer must ensure this complete set is signed on each page scanned and uploaded with their offer, as it is, without any modification / alteration. **Any changes in the format of the Appendixes / Tables / Certificates of the Appendixes of chapter V is not acceptable and the bid will be become invalid and liable to be rejected.**
11. In case of any difference between the conditions mentioned in schedule to tender and the specifications / QRs, the condition and given in the specifications will be binding.
12. Name of work : **"Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR"**
13. Tender Fees : As per NIT
14. Earnest Money : As per NIT
15. Date of issue/publishing : As per NIT
16. Document download Start Date : As per NIT
17. Document download End Date : As per NIT
18. Last date & time for uploading of online tender : As per NIT
19. Date and Time for opening of online Tender : As per NIT
20. Submission of Tender Fee & EMD. : As per NIT
21. A power of attorney in favor of signatory and signatories or the tenderer in case the tender is signed by a person or persons other than the actual tenderer or on behalf of a firm company and his / her / their signature attested by Notary / Class I Gazetted Officer.
22. **Scanned copy of Pan Card to be uploaded** for verification of the signatures of the Authorized Signatory / Proprietor for the firm who has signed the tender documents. **Full name and status of the person signing the tender documents must be clearly mentioned in the tender.**

Signature of the Tenderer
& Stamp

(Pushpender Singh)
 Lt Col
 SO-1 (Wks)
 For Chief Engineer

23. **Quotation of Rate / Rates:** The **quoted amount will be including GST**. No extra charges / taxes over and above the quoted rate in any form will be borne by the Department. The rate quoted will be firm and final, no amendment / alternation to the rate quoted in the tender will be accepted at a later date. No representation will be entertained for change in tenderer's name quoted or any other alternation in respect of any of the contracted articles / goods during the currency of the contract or if any fresh duty or tax is levied. Conditional discounts if any will not be considered and have no effect on the evaluation of tenders.

Compensation.

24. The successful tenderer will be intimated by a letter of acceptance of his / her / their tender by the Directorate General Assam Rifles. Till then no tenderer has any right to assume that his / her / their tender has been accepted and if any tenderer disregards this warning and makes any arrangements or ensure any expenditure in anticipation of issue of letter of acceptance, he / she / they will have no claim whatsoever for any compensation at a later stage.

Maint Period.

25. **Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR** is for 11 months. However period can be extended based on the requirement and no increase in the rate will be accepted.

Payment.

26. **Payment Terms.**

(a) It will be mandatory for the Bidders to indicate their Current Bank Account numbers and other relevant e-payment details so that payments could be made through ECS / NEFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI is to be submitted by Bidders for receiving payments through ECS is attached. The requirement is mandatory incomplete / partially filled forms will not be entertained and bid is liable to be rejected.

(b) Amount of stores supplied will be paid on production of bills along with inspection note and purchase vouchers duly verified and signed by **User & SO1(Wks)** of concerned Sect HQ / IGAR.

(c) 25% of the amount of Maintenance & Operation of the Solar Plants will be paid at the end of quarter (three months) on production of bills duly signed by **User & SO1 (Wks)** of concerned Sect HQ / IGAR.

(d) The last 25% payment will be payable after completion of the 11 months Maintenance & Operation period.

(e) Payment will be made through "e-payment" only. All firms are required to fill up the Performa attached with this tender and get it **duly endorsed from concerned bank authorities** and submit with the tender.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

27. **Paying Authority.**
Pay & Account Office Assam Rifles
(Old DGAR Complex)
Laitumukhrah, Shillong – 793011
28. **Earnest Money Deposit.** 2% of tendered amount
29. **Extension of Validity & Earnest Money.** Not applicable.
30. **Security Deposit.**
- (a) 5% of the contract amount.
- (b) Security deposit in the form of Account payee demand draft or Fixed Deposit Receipt from a authorized bank.
- (c) **Forfeiture of Performance Security Deposit Money.** Cancellation of the Maintenance & operation due to fault of the service provider or not adhering to the terms / conditions of contract.
- (d) **Release of Performance Security Deposit Money.** On completion of the Maintenance & Operations/contract or Guarantee/Warranty period if any.
31. **Offer Validity.** 03 months (90 Days) from date of tender opening. In the absence of any indication in the tender documents submitted, of the date up to which the offer has been kept valid, it will be taken that the offer will remain open for acceptance for the period specified in the Schedule to Tender.
32. Director General, Assam Rifles, reserve the right to cancel / reject any or all the tenders without assigning any reasons.
33. **Clarification on Specifications/QR.** In case any prospective bidder requires clarification(s) on technical specifications / Qualitative Requirements (QR), the same is to be submitted on line. No change in price or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.
34. **SAMPLE CLAUSE.**
- (a) Item Samples : As approved by this HQ/MNRE approved make.
- (b) Advance item Samples : As per para 34 (c)
- (c) **Instructions w.r.t the tendered items to be supplied and fixed:**
- (i) If called for in Tender, or asked for during tender evaluation, the bidder must submit complete and full Tender Samples with complete accessories as required / offered.
- (ii) Each sample must have a card affixed to it giving particulars of (a) Firms name and address (b) Tender number duly laminated.
- (iii) Tenders must ensure that the items supplied and fixed submitted by them fully and completely meet the QRs / Specifications as per tender / master sample.
- (iv) It will be the sole responsibility of the tenderer to make arrangements to submit the items and ensure items reach the concerned authority and are fixed accordingly.
- (v) No assistance or documentation needed for submission of tender samples except what is stated in Tender Enquiry will be provided. It will be DG Assam Rifles / Competent authority on his behalf discretion to accept or reject any written request in this regard, on merits.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

(vi) The cost and freight for sending tendered items will be borne by the tenderer and there will be no obligation on the part of the receiving officer / purchaser for their safe custody. In case tendered items are received after the laid down date and time for receipt, as mentioned in tender enquiry or specified later in writing, shall be rejected / ignored.

(vii) The DG Assam Rifles / Competent Authority on his behalf reserve the right to extend the date of submission of tender sample as per merit.

35. **Sampling and Inspection Criteria.** The tendered items will have to abide by the sampling and inspection criteria formulated by the purchaser.

36. **The Purchaser** : The President of India

37. **Inspection Authority** : The Director General, Assam Rifles
HQ DGAR, Shillong -10

38. **Inspection Officer** : Board of Officers at Consignee's location.

39. **Stores required at** : Consignees location

40. **Delivery of Stores.** Responsibility for correct delivery of stores at the consignee location will be that of the successful bidder.

41. **Guarantee / Warranty Terms.** If not specified in QRs / specification. Minimum **twelve months warranty required** on new items only. Warranty period will start from the date of completion of the Maintenance & Operation period if applicable. In case stores / part of stores are found defective / damaged during inspection after delivery to consignee, the suppliers will replace or repair the store under warranty at consignee's location in India free of cost and thereafter will be allowed to lift the rejected stores.

42. **Rejected Stores.** If the appointed contractor fails to remove the bad / damaged / rejected stores of above items whatever the case may be from sites / location where installed, within the reasonable period i.e. 45 days from the date of issue of letter to contractor, the Director General Assam Rifles or his representative shall dispose off the rejected stores without assigning any further notice and no claim whatsoever will be entertained from the tenderer at any later stage.

43. **Compensation for delay (Liquidated Damages).**

(a) If the contractor fails to maintain the required progress as per contract agreement or to complete the work and clear the site on or before contract completion or extended date of completion, he shall, without prejudice to any other right or remedy available under the law be liable to the Government on account of such breach and pay as agreed compensation, the amount calculated at the rates stipulated below, duly approved by CFA (whose decision in writing shall be final and binding) who may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below that specified in Contract Agreement.

(b) This will also apply to items or group of items for which a separate period of completion has been specified.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

(c) **Compensation for delay of work:** Wiith max rate @ 1% (one percent) per month for delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% (ten percent) of the accepted Tendered Value of work or of the accepted Tendered Value.

(d) The amount of compensation may be adjusted or set-off against any sum payable to the contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned as per Contract Agreement, or the re-scheduled milestone(s), the amount shown against that PDC shall be withheld, to be adjusted against the compensation levied at the final grant of Extension of Time. With-holding of this amount on failure to achieve a PDC, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone, the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

44. **Time and Extension for Delay**

(a) The time allowed for execution of the works as specified in the Contract Agreement/work order or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in work order or from the date of handing over of the site whichever is later. If the contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely alongwith cancellation of work for retendering.

(b) As soon as possible, after the Contract is let or any substantial works order is placed and before work under it is begun, the SO1 (Engineer)/Contract operating authority and the Contractor shall agree upon a time and progress chart. The Chart shall be prepared in direct relation to the time stated in the contract documents or the work order for completion of the individual items thereof and/or the Contract or work order as a whole. It shall indicate the forecast of the dates for commencement and completion of the various trade processes or sections of the work and shall be amended as may be required by agreement between the SO1 (Engineer)/Contract operating authority and the Contractor within limitation of time imposed in the contract documents or work order. If the works be delayed :-

- (i) By force majeure, or
- (ii) By reason of abnormally bad weather, or
- (iii) By reason of serious loss or damage by fire, or
- (iv) By reason of civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- (v) By reasons of delay on part of nominated sub-contractors, or nominated contractor, which the Contractor has in the opinion of SO1(Engineer)/Contract operating authority, taken all practicable steps to avoid or reduce, or
- (vi) By reason of delay on the part of Contractors or tradesmen engaged by Government in executing works not forming part of the contract, or
- (vii) By reason of any other cause, which in the absolute discretion of the Accepting Officer is beyond the Contractor's control.

(c) Then, in such case the Accepting Officer may make fair and reasonable extension in the completion dates of individual items or groups of items of work for which separate periods of completion are mentioned in the contract documents or work order as applicable.

(d) Upon the happening any such event causing delay, the Contractor shall immediately, but not later than 14 days of the happening of the event, give notice thereof in writing to the SO1(Engineer)/Contract operating authority but shall nevertheless use constantly his best endeavor to prevent or make good the delay and shall do all that may reasonably be required to the satisfaction of the SO1 (Engineer)/Contract operating authority to proceed with the works for which SO1 will monitor details on record. Extension of time shall be approved by the CFA.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

(e) In case the Contractor fails to notify the SO1 (Engineer)/Contract operating authority of happening of an event(s) causing delay within the period of 30 days stipulated above, he shall forfeit his right to claim extension of time for the delay caused due to such event(s).

(f) If the work is delayed by reason of non-availability of Government stores shown in Schedule 'B', then, in any such event notwithstanding the herein fore contained, the CFA may in his discretion grant such extension of time as may appear reasonable to him and the same shall be communicated to the Contractor by the SO1 (Engineer)/Contract operating authority in writing. The decision so communicated shall be final and binding and the Contractor shall be bound to complete the works within such extended time.

(g) No claim in respect of compensation or otherwise, howsoever arising, as a result of extensions granted under conditions above shall be admitted.

45. **Purchase at the Risk and Expense.** In case of rejection of the item by the Consignee / HQ DGAR or in case of neglect, failure or delay on the part of the PSU to carry out Maintenance & Operation at regular intervals or attend to complaint of system failures within one week time, HQ DGAR, may without prejudice to any other action which the department may take under the terms of the contract will be at liberty to procure or purchase such items on local purchase basis at the risk and expense of the contractor. Any amount (which may include transportation and other incidental charges) incurred in excess of the contracted rate shall be borne by the contractor or recovered from his security deposit and / or from any amount which may be due to him by the Directorate General Assam Rifles. The right to risk and expense purchase under this clause will entitle right to purchase after expiry of time of delivery or replacement of unfit stock, without any warning or further information to contractor. The risk and expense purchase will be made by Chief Engineer.

46. **Option Clause.** The user, in this case Assam Rifles, reserves the right to increase / decrease the qty by 10% at the rates quoted by the successful tenderer at the time of placement of contract or during the period of the Maintenance & Operations or during the period of the contract.

47. **Fall Clause.**

(a) The Bidder undertakes that he has not supplied / is not supplying the similar item / equipment at a price lower than that offered in the present bid in respect of any other Ministry / Department of the Government of India any if it is found at any stage that the similar item / equipment was supplied by the vendor to any other Ministry / Department of the Government of India at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the Bidder to the Buyer, if the contract already been concluded.

(b) The Bidder shall strive to accord the most favored customer treatment to the Buyer, in this case Assam Rifles, in respect of all matter pertaining to the present case.

48. **Force Majeure Clause.** If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of war / hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lock outs or Act of God (hereinafter referred to "event") provided, notice of the happening of any such event is given by either party to the other within 24 days from the date of occurring thereof, neither party shall be reason of such event, be entitled to terminate this contract nor shall either party may at its option terminate the contract provided also that if the contract is terminated under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract at a price to be fixed by the Purchaser, which shall be final all unused, undamaged and acceptable materials, brought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain.

49. **Purchase / Price Preference Clause.** The user, in this case Assam Rifles, reserves the option to give a Purchase / Price preference to the offers from MNRE program implementer Public Sector Units (PSU) over those from MNRE channeled partners firms in accordance with Govt. policies as amended up to date.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

50. **Jurisdiction & Arbitration.** This tender and subsequent contract if any are subject to the jurisdiction of Indian Laws and Courts at the place of issue of the schedule. In the event of any question dispute or difference arising under these conditions or any special conditions of contract, or in connection with this contract (except as to any matters the decision of which is specifically provided for by these special conditions), the same shall be referred to the Sole Arbitration of the Director General Assam Rifles or some other person appointed by him. There will be no objection that the Arbitrator is a Government Servant, that he had to deal with the matters in which the contract is related or that in the course of his duties as Government Servant he has expressed views on all or any of the matters in dispute or difference. The award of the Arbitrator shall be final and binding on the parties to this contract. Further that all disputes arising out of the contract. **Shillong Court shall have exclusive jurisdictions.** The tenderers submitting the tenders shall render a certificate to have agreed to this clause.

51. **Submission Of The Proposal.** Bidders are required to submit their offers as under :-

- (a) Tender documents duly filled, signed and stamped on each page (Scanned copy only).
- (b) A power of attorney in favor of signatory and signatories or the tenderer in case the tender is signed by a person or persons other than the actual tenderer or on behalf of a firm / company duly attested by Notary / Class I Gazetted Officer.
- (c) GST registration certificate must be produced for last qtr with supporting PAN No / TIN No.
- (d) Compliance to specifications if applicable as per format given in Chapter IV.
- (e) Performance statement of the firm in last 03 years as per **Appx- 1 of chapter-V.**
- (f) Certificate for acceptance of terms and conditions as per **Appx -2 of chapter-V.**
- (g) Performa for e-payment as per **Appx- 3 of chapter-V.**
- (h) Non Blacklisting certificate as per **Appx-4 of chapter-V.**
- (j) Warranty / Guarantee certificate as per **Appx-5 of chapter-V.**
- (k) Undertaking for no use of undue influence as per **Appx-6 of chapter-V.**
- (l) Bank Guarantee for submitting the earnest money as per **Appx-7 of chapter V.**
- (m) Financial Stability Certificate to be submitted as per **Appx-8 of chapter V**
- (n) Bidders are to note that submission of financial bids be done in the format provided. Bidders are required to download the BoQ file, open it and complete the coloured (unprotected) cells with their respective financial quotes and other details viz. name of bidder. No other cell should be changed. Once the details have been completed, the bidder should save it and submit it online without changing the file name. If the BoQ file template is found to be modified by the bidder, the bid will be considered invalid and liable to be rejected.
- (o) If the format of Tables / Certificate of the Chapter V have been modified the bid will become invalid and liable to be rejected.
- (p) The cost is to be indicated for each item and it should be the landed cost of item, inclusive of freight, servicing, packing and installation charges and GST, as applicable besides all other B/R and E/M related works.
- (q) Tenders should quote the rates both in words and figures in the online tender from available at www.eprocure.gov.in for each variety. In case of variation in rate quoted in words and in figures, the quoted rate in words will be considered as valid.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

52. **Submission of the tender in Two Bid System.** All bidders are required to submit their offers in two bid system as under:-

DOCUMENTS TO BE SUBMITTED ONLINE WHICH WILL FORM PART OF PQC

(a) **Technical Bid.** The tech bid should contain the following:-

(i) Tender documents duly completed and signed and stamped on each pages but WITHOUT QUOTING RATE AS PER SCHEDULE-A (PART-I) to be uploaded alongwith other documents.

(ii) Power of Attorney: A power of attorney in favour of signatory and signatories or the tenderer in case the tender is signed by a person or persons other than the actual tenderer or on behalf of a firm/company duly attested by class I Gazetted Officer .

(iii) Compliance to specifications applicable as per CPWD works manual 2022 , AR 2249 and GCC 2020.

(iv) **Past Experience.** Minimum two years ending 31st march of preceding year of advertised tender. Copies of relevant and authenticated documents (work order/LOI) supporting the same issued by Department of Central Govt/State Govt or Public Sector Unit, where the bidder has successfully concluded the ibid contract, should be enclosed with the tender.

(v) **Past Performance.** The bidder /OEM should have executed project for supply and installation /commissioning of same or similar category products during preceding three Fin years (i.e current year and three previous fin years) as on opening of bid as per fwg criteria:-

(a) Three similar completed works each costing not less than 40% of the estimated cost put to tender, or

(b) Two similar completed works each costing not less than 60% of the estimated cost put to tender, or

(c) One similar completed works each costing not less than 80% of the estimated cost put to tender.

(vi) **Proof of Completion.** Completion report certificate duly signed by the concerned department/authority.

(vii) Non Blacklisting Certificate as per Appx 4 of Chapter-I to be submitted.

(viii) Certificate of Acceptance of Terms and Conditions of NIT as per Appx 2 of Chapter-I to be submitted.

(ix) **Financial Stability Certificate (FSC).** Latest audited balance sheet of last two years duly signed by licensed Chartered Accountant to be submitted. Financial capability of the bidder should be at least 30% of the value of the contract.

(x) **Enlistment / Renewal Latter.** Enlistment / Renewal letter of contractor in any Govt Department (scan copy to be uploaded) giving category and financial limit for Tendering.

(xi) **Earnest Money Deposit/Tender Fee.** Scanned copy of Tender Fee and EMD to be deposited through Demand Draft/Bank Drant / Fixed Deposit Receipt/TDR duly pledged 02 In favour of **DGAR** from a schedule bank preferably a nationalized bank. EMD should be valid for a period of 45 days beyond the fixed Bid Validity period. Original EMD and Tender Fee to be submitted as **NIT**.

MSME are exempted for goods and services but MSME exemption can not be extended to construction works as it can not be treated as service rendered or supply of goods.

(xii) Affidavit from contractor for employment of Engineers with last three years experience and degree / diploma certificate of Engineers.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer
Page-10 of 31

(b) **DOCUMENTS TO BE SUBMITTED BY BIDDERS BUT WILL NOT FORM PART OF PQCU**

- (i) Performa for e-payment as per Appx 3 of Chapter-I.
- (ii) Warranty / Guarantee certificate as per Appx 6 of Chapter-I (if required).
- (iii) Undertaking for No Use of Undue Influence as per Appx 7 of Chapter-I.
- (iv) Scanned copy of GST Registration Certificate issued by the concerned authority with supporting PAN / TIN to be uploaded.

(v) **Implementation of EPF and ESI for Contract labour.**

(aa) The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis.

(ab) The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme chart (Time and Progress) within the period specified.

(ac) No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

(c) **Commercial Bid (Cost Bid) (Schedule 'A' Part-I).** Cost bid of only technically qualified tender will be opened by a board of officer, date of opening of cost bids will be intimated to the valid tenderers and posted on the website after evaluation of Technical Bids. Cost bid should contain following:-

(i) Commercial bid forms given in a standard Bill of Quantity format (Excel file) provided with tender document should only be used to fill up the commercial bid.

(ii) **Bidder are to note that submission of financial bids be done in the format provided and no other format is acceptable.** Bidders are required to download the Bill of Quantity file, open it and complete the coloured (unprotected cells with their respective financial quotes and other details viz. name of bidder. No other calls should be changed. Once the details have been completed, the bidder should save it and submit it online without changing the file name. **If the Bill of Quantity file template is found to be modified by the bidder, the bid will be considered invalid and liable to be rejected.**

(iii) The cost is to be indicated for each items and it should be the execution of work/execution of item, inclusive of carrying charges and all taxes, as applicable.

(iv) Rate will not be indicated in the technical Bid and if indicated, then the tender will be considered invalid.

(v) Tenders should quote the rate both in words and figures in the on line tender form available at www.eprocure.gov.in for each variety. In case of variation in rate quoted in words and in figures, the quoted rate in words will be considered as valid.

53. **Evaluation of the proposal.** A two stage procedure will normally be adopted:-

(a) **Stage – I**

(i) **Evaluation of Technical Bids.** A Technical Evaluation Committee (TEC) constituted by the Directorate General Assam Rifles will examine the technical bids. This would be a paper evaluation comprising of scrutiny of all documents required to be submitted for the Tech Bid.

(ii) The TEC reserves to right to verify authenticity of all documents submitted by the firm through internet / telephone or other similar means.

(b) **Stage-II****Financial Evaluation**

(i) The cost bids of only technically qualified enlisted firms with Assam Rifles will be opened whose documents as per schedule of requirement have been found meeting the laid down specifications/ quantity rate/item rate/lump sum rate depend upon schedule and the Price Bid will be evaluated accordingly.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

(ii) L1 will be decided based on the lowest overall cost of the item including taxes or any other charges.

(iii) The commercial bid uploaded by bidder will be evaluated by a Board of Officers constituted by the Directorate General Assam Rifles / IGAR or Commander of Sector HQ and further accessed by a Tender Processing Committee (TPC) for realistic prices. Depending upon the acceptance of the comparative statement of tenders (final prices) by the Competent Financial Authority (CFA), a work order may be placed to the successful bidders. The bidders will be required to accept the work order, enter into a contract for execution of work and execution of project as per terms and conditions mentioned in this Tender Enquiry.

(iv) Acceptance/Rejection of Tenders. Directorate General Assam Rifles reserves the right to accept or reject any or all tenders without assigning any reason.

(c) **Service & Support**. Escalation Matrix for service Support: The bidder / OEM must provide Escalation Matrix with dedicated Telephone Numbers/ toll free numbers for immediate service support.

Bidder/OEM must have a Functional Service Centre in the state of each Consignee's location in case of carry-in warranty. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

54 **Insurance**. The user will not separately pay for any transit insurance.

55. For any change in terms and condition of tender / tender specification, the Tenderers are requested to visit site CPP Portal through Open Bid on "WWW.eprocure.gov.in".

56. The user reserves the right to increase or decrease the quantity of the stores required at site at any stage or to cancel or reject any / all of the tendered stores without assigning any reasons.

57. If you are in a position to quote for supply in accordance with requirements stated in the attached schedule to tender, all documents attached herewith should be duly filled in, signed uploaded.

58. Termination of Contract. Time shall be essence of the contract. The user shall have the right to terminate this contract without any notice in part or in full in any of the following cases:-

(a) The maintenance of plant delayed for causes not attributed to Force Majeure after the scheduled date of delivery of the maintenance work requested, i.e. one week.

(b) The PSU is declared bankrupt or becomes insolvent.

(c) The maint of plant is delayed due to causes of Force Majeure by more than 60 days.

59. Any change in Address / Telephone / Fax / e-mail should be immediately informed. The state of non-communication by the PSU will make the offer liable for rejection.

60. Any Query / Representation be addressed to **Chief Engineer, Engineer Branch, HQ DGAR, Shillong-10**.

61. **Eligibility Criteria** : As per Para 52 and 53 above.

62. **DETAILED SCOPE OF WORK** :

(a) The Maintenance & Operation includes Solar panel cleaning, Battery testing, Solar structure fasteners tightening, Checking and testing of Earthing, Testing of solar inverter and maintenance.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

(b) The maintenance service provided shall ensure proper functioning of the solar plant as a whole. All preventive / routine maintenance and breakdown / corrective maintenance required for ensuring maximum uptime have to be provided by contractor. Accordingly, two distinct components as described below :

(i) **Preventive / Routine Maintenance** : Preventive and Routine Maintenance of all the components of the system will be carried out by Contractor, at least once in a quarter. This includes maintenance of solar system & checking of system as per billing of quantity (BOQ).

(ii) **Breakdown / Corrective Maintenance** : Whenever a complaint is lodged by AR, contractor for Maintenance & Operations will attend to the same within **Sixty Hours** (60 hours). In case any major component needs to be rectified, it will be corrected within a period not exceeding 14 (**fourteen**) days from the date of complaint.

(iii) The contractor doing Maintenance & Operations and AR will maintain the below (Para 65) scope of work for ensuring highest level of services for Fuel Cell based hybrid power augmentation system.

(iv) The contractor will install & commission the Battery Bank at old ten sites of fuel cells & submit a functionality Report immediately duly authenticated by user rep.

63. **Scope of Work under the contractor** :

(a) Proper maintenance of the plant will be carried out by the contractor during maintenance period.

(b) Provide technical & engineering support for resolving operation and maintenance problems.

(c) Periodic reports regarding various parameters of the functioning of the plant will be generated after the visit of the engineer.

(d) Offer is for Maintenance & Operations only.

(e) Provide all maintenance services necessary and advisable to efficiently operate and maintain the plant, including all associated and appurtenant mechanical and electrical equipment keeping in view the objectives set-forth herein above.

(f) To ensure the services of the individual technical operator required to operate and maintain the plant.

(j) Reporting of services, Documentation and invoicing:-

(i) Contractor shall inform the concerned Bn / Sector, two weeks in advance before undertaking a routine M&O visit so that the coordination is effective. We shall also inform the name and contact No of the Engineer (s) who are going to undertake this visit.

(ii) After completing the service visit the Engineer will take sign of user unit/fmn on a log sheet.

(iii) A detailed visit report on M&O services undertaken will be shared with HQ DGAR, Engineers Branch to include activities undertaken, sites visited, copy of log book signed by user unit/fmn and some pictures etc.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

64. **Scope of Work under AR :**

- (a) The user unit/fmn will coordinate with the contractor's rep/engineer on any fault occurrence with info to this Directorate.
- (b) Assistance if required in term of accn and food for the tech will be given on payment at COBs/User unit.
- (c) AR shall ensure proper cleaning of area surrounding to solar panels.

65. The records maintained during the M&O period will be made available from time to time to AR. The date of M&O maintenance period shall begin from the date of issue of order / agreement. **No time extension would be granted as the M&O would be valid for 11 Months from the date of issue of work order.**

66. **Conditions as laid down in AR 2249 and CPWD Works Manual will be strictly adhered to and will form part of the contract.**

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer
Page-14 of 31

CHAPTER-II
SCHEDULE OF REQUIREMENT: SPECIFICATIONS

Sr No	Description of Item	A/U	Qty
1	2	3	4
1	<p>Manning & Operation Maintenance and Operation of 01 Nos of 50 KWP at Shangshak, 01 Nos of 50 KWP at Chassad and 01 Nos of 100 KWP & 01 x 50 KWP Solar Plants installed at Somsai alongwith its connected equipments i.e, control panels, battery banks and PV modules etc in shifts of 08 hours per day by employing qualified or experienced technician including comprehensive maintenance of all above equipment installed at solar distribution network in area by maintaining attendance register of staff employed all as specified and directed by Engr-in-charge. Contractor shall quote his rates for maint and operation of 01 Nos of 50 KWP at Shangshak, 01 Nos of 50 KWP at Chassad and 01 Nos of 100 KWP & 01 x 50 KWP Solar Plants installed at Somsai and all other eqpt including cleaning of plant areas, monitoring/recording of plants energy production/distribution details with following terms and conditions :-</p>	Shift	990 (330 days per electrician, (01 x 03 electrician employee at Shanshak, Chassad and Somsai)
	(a) Contractor will produce character certificate issued by Police Station, Education/qualification certificate and experience certificate belonging minimum 02 years of the staff employed and contractor shall be responsible for any disciplinary case of staff employed.		
	(b) Necessary life insurance will be done as per prevailing rules for tradesman emplyed through this job and original policy documents will be produced for verification and record of the accepting officer immediately on after approval of technician		
	(c) All expenditure for necessary T&P, Dress, Safety Hardness Eqpt, communication, stationery, insurance of tradesman etc as per specified in this job are deemed to be included in the quotes rate		
	(d) All payments of labours will be done through Nationalized banks and produced the bank statement to department before claiming bills		
	(e) PENAL CHARGES :-		
	If any of the activity mentioned above is not performed by the contractor than recovery as under will be affected :-		
	(i) Absent on duty of Technician - Rs. 1000 per shift		
	(ii) Not cleaning of PV Modules and Plant Areas - Rs.2500 per plant/month		
	Note : The spares replaced under comprehensive maintenance shall be measured and paid seperately.		
2	Supply, installing, testing and commissioning of Array Junction Box (AJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 02 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Each	5
3	Supply, installing, testing and commissioning of Field Junction Box (FJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Each	3
4	Supply, installing, testing and commissioning of Main Junction Box (MJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	2
5	Supply, installing, testing and commissioning of PV Module (Photo-Voltaic Cell) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 05 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 15 (Somsai)	Each	30
6	Supply, installing, testing and commissioning of PV circuit breaker PC Box of 250 Amps capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 00 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	2

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer
Page-15 of 31

7	Supply, installing, testing and commissioning of DC/AC Voltage meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	3
8	Supply, installing, testing and commissioning of DC/AC Ampere meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	3
9	Supply, installing, testing and commissioning of solar E/fax as per existing size/capacity complete all as directed and specified (a) 50 KWP - 04 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 03 (Somsai)	Each	7
10	Supply, installing, testing and commissioning of Solar DC Cable of 6.0 Sqmm complete all as directed and specified (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	RM	130
11	Supply testing commissioning of 10 sqmm Copper Coex. Flexible DC wire cable of approved make all as specified and directed (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	RM	130
12	Supply, installation, testing and commissioning of XLPE insulated AB cable 3-core x 50 sq mm + 1 x 35 sq mm complete all as specified and directed (a) 50 KWP - 100 (Shangsak) (b) 50 KWP - 100 (Chassad) (c) 100 KWP- 50 (Somsai)	RM	250
13	Repair & Maint of old existing Inverter of system voltage 240/360/480 Volts by inspecting, repair of replacement of internal part complete alongwith DC wiring connections, PCBs, Indicators, Volt & Amp Meters (Digital/Analogue type) and make the inverter functional by connecting to existing battery bank all as specified and directed. (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Each	4
14	Fixing only battery bank of suitable capacity (500/600/1000 AH) from store room to solar plant site and connecting in existing system by taking down old unserviceable battery bank from system complete & make the plant functional in all respecton including connection upto inverter complete all as specified & directed. (a) 50 KWP - 20 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 20 (Somsai)	Each	50
	Note :-		
	1. The new battery bank (500/600/1000 AH) will be supplied as schedule 'B' stores free for fixing only.		
	2. The old battery bank is issued as schedule of credit to the contractor.		
	3. The battery bank qty is 180 or 240 Nos.		
	Total		
	Schedule of Credit :-		
	1. Old unserviceable battery bank	Each	50
	2. Old unserviceable PV Module	Each	30
	Total		
	Total amount after deduction of Schedule of Credit		

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

- Note :** (a) The quoted amount and no. of items will be deemed as having been done by the tenderer after duly visiting the site / sites.
- (b) The DG Assam Rifles / Competent authority reserves the right to decrease the items / stores upto any extend or increase the items / stores by 10% of the estimated amount during the period of the M&O.
- (c) Any major / minor defect within the M&O period of the plant will be cope up by contractor by maintenance / repair / replacement of the required parts.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

18
CHAPTER- IV

PERFORMA FOR COMPLIANCE TO SPECIFICATIONS

Sr No	Description of Item	Reqd Specifications	Compliance to Reqd Specifications(Yes/No)
1	2	3	4
2	Supply, installing, testing and commissioning of Array Junction Box (AJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 02 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Of make installed	
3	Supply, installing, testing and commissioning of Field Junction Box (FJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Of make installed	
4	Supply, installing, testing and commissioning of Main Junction Box (MJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Of make installed	
5	Supply, installing, testing and commissioning of PV Module (Photo-Voltaic Cell) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 05 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 15 (Somsai)	Of make installed	
6	Supply, installing, testing and commissioning of PV circuit breaker PC Box of 250 Amps capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 00 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Of make installed	
7	Supply, installing, testing and commissioning of DC/AC Voltage meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Of make installed	
8	Supply, installing, testing and commissioning of DC/AC Ampere meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Of make installed	
9	Supply, installing, testing and commissioning of solar E/fax as per existing size/capacity complete all as directed and specified (a) 50 KWP - 04 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 03 (Somsai)	Of make installed	
10	Supply, installing, testing and commissioning of Solar DC Cable of 6.0 Sqmm complete all as directed and specified (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	Of make installed	
11	Supply testing commissioning of 10 sqmm Copper Coex. Flexible DC wire cable of approved make all as specified and directed (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	Of make installed	

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

12	Supply, installation, testing and commissioning of XLPE insulated AB cable 3-core x 50 sq mm + 1 x 35 sq mm complete all as specified and directed (a) 50 KWP - 100 (Shangsak) (b) 50 KWP - 100 (Chassad) (c) 100 KWP- 50 (Somsai)	Of make installed	
13	Repair & Maint of old existing Inverter of system voltage 240/360/480 Volts by inspecting, repair or replacement of internal part complete alongwith DC wiring connections, PCBs, Indicators, Volt & Amp Meters (Digital/Analogue type) and make the inverter functional by connecting to existing battery bank all as specified and directed. (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Of make installed	
14	Fixing only battery bank of suitable capacity (500/600/1000 AH) from store room to solar plant site and connecting in existing system by taking down old unserviceable battery bank from system complete & make the plant functional in all respecton including connection upto inverter complete all as specified & directed. (a) 50 KWP - 20 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 20 (Somsai)	Of make installed	

Note: The maker of battery bank to be get pre-approved from the Chief Engineer, Assam Rifles before procurement/incorporation in subject work.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

CERTIFICATE OF ACCEPTANCE OF TERMS AND CONDITIONS
(TO BE FILLED BY THE BIDDER)

1. It is certified that I have read and understood and will comply with all instructions contained in tender enquiry and its schedule. All pages of schedule to the tender from page 01 to 22 have been filled properly and signed.
2. No changes to the specified format to the bid has been made any modification to the laid down format of the bid documents will make the bid invalid and liable for rejection.
3. The equipment once delivered will be subjected to an inspection by the acceptance board at the given consignee location. The specifications of the items will be in conformity with the details provided by the user and as per given specifications. The date of completion of acceptance board would be deemed to be date on which the warranty will commence.
4. We shall provide onsite comprehensive warranty of one year for the items being supplied.
5. We guarantee to provide 100% replacement for the defective item during guarantee / warranty.
6. We confirm that we abide by the delivery schedule as given in tender and elsewhere in the tender enquiry.
7. We agree to deposit a Security Deposit equal to five percent (5%) of the total cost of items within specified time on receipt of offer letter / supply order. The Security Deposit will be valid for six months beyond the date of expiry of warranty period.
8. We certify that any cost incurred on additional items/systems/components /accessories required would be borne by us.

Signature of tenderer
Name in block letters : _____

Name of firm : _____
Full address : _____

(i) Telephone No _____
(ii) Mobile No _____
(iii) Fax No _____
(iv) Email id _____
(v) Website _____

Company Seal
Place : _____

(Authorised Signatory of Company)

Date : _____

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

ELECTRONIC CLEARING SERVICE (CREDIT CLEARING/REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTSA. DETAILS FOR ACCOUNT HOLDER :-

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/FAX/EMAIL	

B. BANK ACCOUNT DETAILS :-

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS, TELEPHONE NUMBER AND EMAIL	
WHETHER THE BRANCH IS COMPUTERISED	
WHETHER THE BRANCH IS RTGS ENABLED? IF YES , THEN WHAT IS THE BRANCH'S IFSC CODE	
IS THE BRANCH ALSO NEFT ENABLED	
TYPE OF BANK ACCOUNT(SB/CURRENT/CASH CREDIT WITH 10/11/13)	
COMPLETE BANK ACCOUNT NUMBER	
MICR CODE OF BANK	
NAME AND ADDRESS OF THE BENEFICIARY/PAYEE	
IFCS(INDIAN FINANCIAL SYSTEM) CODE	

C. DATE OF EFFECT :-

I hereby declare that the particulars given are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or Incorrect Information, I would not hold the user Institution responsible. I have read the option Invitation letter and agree to discharge responsibility expected of me as a participant under the Scheme.

Date:

(.....)
Signature of Customer

Certified that the particulars furnished above are correct as per our records.
(Bank 's stamp)

Date :

(.....)
Signature of the Authorized Official from the Bank

1. Please attach a photocopy of cancelled cheque along with the verification obtained from the Bank
2. Verification in case of firms not registered with Assam Rifles is Mandatory.
3. In case your Bank Branch is presently not "RTGS enabled" then open its upgradation to "RTGS Enabled" branch. Please submit the information again in the above Proforma to the Department at the earliest.

Signature of the Tenderer
& Stamp(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

NON BLACK LISTING CERTIFICATE

1. I _____ Son of Shri _____ age about _____
by profession proprietor/ partner of M/s _____ having registered office at
_____ do hereby solemnly affirms and declare as under :-

- (a) Undertakes to the effort that our firm is not blacklisted by any Government Organisation.
- (b) I am not Proprietor / Partners / Director of any other firm or business with whom Government has banned / suspended business dealing.
- (c) I do not have any concern / subsidiaries, blacklisted by Government Organisation.

Company Seal

(Authorised Signatory of Company)

Place : _____

Date : _____

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

GUARANTEE / WARRANTY

Except otherwise provided in the invitation to tender, the contractor hereby declares that the goods / stores / articles / equipment sold / supplied to the purchaser / consignee under this contract shall be of best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars mentioned / contained in the contract. The PSU hereby guarantees that the said goods / stores / articles would continue to conform to the description and quality aforesaid for a period of twelve months from the date of receipt of goods / stores / articles / equipment in good condition at site by the consignee in case of supply contracts and twelve months from the date of installation and satisfactory taking over of the goods / stores / articles / equipment at site by consignee where installation and commissioning is involved and notwithstanding the fact that the purchase / inspection authority has inspected and / or approved the said goods / stores / articles / equipment or such if during the 12 months the said goods / stores / articles / equipment be discovered not to conform to the description and quality aforesaid or not giving satisfactory performance or have deteriorated and the decision of the purchase / consignee in that behalf shall be final and binding on the contractor / seller and the purchaser shall be entitled to call upon the contractor / seller to rectify the goods / stores / articles / equipment or such portion thereof as is found to be defective by the purchaser within the reasonable period or such specified period as may be allowed by the purchaser in his discretion on application made thereof by the contractor / seller, and in such an event, the above period shall apply to the goods / stores / articles / equipment rectified from the date of rectification mentioned in the warranty thereof, otherwise the contractor / seller shall pay the purchaser such compensation as may arise by reason of the breach of warranty therein contained.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

UNDERTAKING FOR NO USE OF UNDUE INFLUENCE

The seller should undertake that he has not given, offered or promised to give directly or indirectly any gift, consideration, reward, commission, fees brokerage or inducement to any person in service of the Purchaser or otherwise in procuring, the Contract or Forbearing to do or for having done or forbore to do any act in relation or execution of the Contract or any other Contract with the Government for showing or forbearing to show favor or disfavor to any person in relation to the Contract or any other Contract with the Government. Any breach of the aforesaid undertaking by the seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offence by the seller or any one employed or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1947 or any other Act enacted for the prevention of corruption shall entitle the Purchaser to cancel the contract and all or any other Contract with the seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Purchaser or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller.

Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer / employee of the Purchaser or to any other person in a position to influence any officer / employee of the Purchaser for showing any favor in relation to this or any other contract, shall render the tender invalid and liable for rejection.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

Appendix-7
(CHAPTER-V)

PROFORMA FOR BANK GUARANTEE FOR SUBMITTING EARNEST MONEY

**PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY
(ON BANK'S LETTER HEAD WITH ADHESIVE STAMP)**

Bank Guarantee No _____

Dated :

To

The Establishment Officer
Directorate General Assam Rifles
Shillong

Dear Sir,

In accordance with your Invitation to Tender No _____
M/S _____ hereinafter called the tenderer with the following
Directors on their Board of Directors/partners of the firm :-

1.	2.
3.	4.
5.	6.

Wish to participate in the said Tender for the supply _____ of _____ As a Bank Guarantee against Earnest Money for a sum of _____ (in words and figures) _____ valid for (135) one hundred and thirty five days from the date of opening of Tender viz _____ is required to be submitted by the tenderer as a condition for the participation, this bank hereby guarantees and undertakes during the above said periods of 135 (one hundred and thirty five days) to immediately pay, on demand by Establishment Officer, Directorate General Assam Rifles in writing the amount of _____ (words and figures) without any reservation and resource if :-

- i) The tenderer after submitting his Tender, modifies the rates or any of the items and conditions thereof, except with the previous written consent of the purchaser.
- ii) The tenderer withdraws the said Tender within 120 days after opening of tender or.
- iii) The tenderer having not withdrawn the Tender, fails to furnish the contract security deposit imposed for due performance of the contract within the period provided in the General conditions of contract.

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

FINANCIAL STABILITY CERTIFICATE**CERTIFICATE TO BE ISSUED BY SCHEDULED BANK OF THE FIRM**

This is to certify that M/s_____ is maintaining current Account No_____ with us. Proprietor of M/s_____ is a respectable customer of this branch. To our information, M/s_____ considered financially sound for any procurement up to Rs_____ (Rupees_____ only).

IFSC Code :

MICR Code :

Bank Seal

(Authorised Signatory of Bank)

Place : _____

Name : _____

Contact No. of bank : _____

Designation : _____

Date : _____

Employee No : _____

Contact No : _____

Signature of the Tenderer
& Stamp

(Pushpender Singh)
Lt Col
SO-1 (Wks)
For Chief Engineer

Validate

Print

Help

Tender Inviting Authority: Directorate General Assam Rifles

Description : Maintenance and Operation of 01x50 KWP at Shangshak, 01x50 KWP at Chassad and 01x100 KWP & 01x50 KWP Solar Power Plants installed at Somsai under HQ 10 Sect AR

Contract No: VIII.11014/7541/Solar (M&O)/HQ 10 Sect AR/Engr-2022/_____ Dated : _____ 2022

Bidder Name : _____

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Units	Quantity	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	13	54	55
1	<u>Manning & Operation</u> Maintenance and Operation of 01 Nos of 50 KWP at Shangshak, 01 Nos of 50 KWP at Chassad and 01 Nos of 100 KWP & 01 x 50 KWP Solar Plants installed at Somsai alongwith its connected equipments i.e, control panels, battery banks and PV modules etc in shifts of 08 hours per day by employing qualified or experienced technician including comprehensive maintenance of all above equipment installed at solar distribution network in area by maintaining attendance register of staff employed all as specified and directed by Engr-in-charge. Contractor shall quote his rates for maint and operation of 01 Nos of 50 KWP at Shangshak, 01 Nos of 50 KWP at Chassad and 01 Nos of 100 KWP & 01 x 50 KWP Solar Plants installed at Somsai and all other eqpt including cleaning of plant areas, monitoring/recording of plants energy production/distribution details with following terms and conditions :-	Shift	990 (330 days per electrician, (01 x 03 electrician employee at Shanshak, Chassad and Somsai)		0.00	INR Zero Only
	(a) Contractor will produce character certificate issued by Police Station, Education/qualification certificate and experience certificate belonging minimum 02 years of the staff employed and contractor shall be responsible for any disciplinary case of staff employed.					
	(b) Necessary life insurance will be done as per prevailing rules for tradesman employed through this job and original policy documents will be produced for verification and record of the accepting officer immediately on after approval of					

	technician					
	(c) All expenditure for necessary T&P, Dress, Safety Hardness Eqpt, communication, stationery, insurance of tradesman etc as per specified in this job are deemed to be included in the quotes rate					
	(d) All payments of labours will be done through Nationalized banks and produced the bank statement to department before claiming bills					
	(e) PENAL CHARGES :-					
	If any of the activity mentioned above is not performed by the contractor than recovery as under will be affected :-					
	(i) Absent on duty of Technician - Rs. 1000 per shift					
	(ii) Not cleaning of PV Modules and Plant Areas - Rs.2500 per plant/month					
	Note : The spares replaced under comprehensive maintenance shall be measured and paid seperately.					
2	Supply, installing, testing and commissioning of Array Junction Box (AJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 02 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Each	5			
3	Supply, installing, testing and commissioning of Field Junction Box (FJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)	Each	3			
4	Supply, installing, testing and commissioning of Main Junction Box (MJB) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	2			
5	Supply, installing, testing and commissioning of PV Module (Photo-Voltaic Cell) as per existing size/capacity complete all as directed and specified (a) 50 KWP - 05 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 15 (Somsai)	Each	30			
6	Supply, installing, testing and commissioning of PV circuit breaker PC Box of 250 Amps capacity complete all as	Each	2			

	directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 00 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)					
7	Supply, installing, testing and commissioning of DC/AC Voltage meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	3			
8	Supply, installing, testing and commissioning of DC/AC Ampere meter as per existing size/capacity complete all as directed and specified (a) 50 KWP - 01 (Shangsak) (b) 50 KWP - 01 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 01 (Somsai)	Each	3			
9	Supply, installing, testing and commissioning of solar E/fax as per existing size/capacity complete all as directed and specified (a) 50 KWP - 04 (Chassad) (b) 01x 100 KWP & 01 x 50 KWP - 03 (Somsai)	Each	7			
10	Supply, installing, testing and commissioning of Solar DC Cable of 6.0 Sqmm complete all as directed and specified (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	RM	130			
11	Supply testing commissioning of 10 sqmm Copper Coex. Flexible DC wire cable of approved make all as specified and directed (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 50 (Somsai)	RM	130			
12	Supply, installation, testing and commissioning of XLPE insulated AB cable 3-core x 50 sq mm + 1 x 35 sq mm complete all as specified and directed (a) 50 KWP - 100 (Shangsak) (b) 50 KWP - 100 (Chassad) (c) 100 KWP - 50 (Somsai)	RM	250			
13	Repair & Maint of old existing Inverter of system voltage 240/360/480 Volts by inspecting, repair of replacement of internal part complete alongwith DC wiring connections, PCBs, Indicators, Volt & Amp Meters (Digital/Analogue type)	Each	4			

	and make the inverter functional by connecting to existing battery bank all as specified and directed. (a) 50 KWP - 50 (Shangsak) (b) 50 KWP - 30 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 02 (Somsai)					
14	Fixing only battery bank of suitable capacity (500/600/1000 AH) from store room to solar plant site and connecting in existing system by taking down old unserviceable battery bank from system complete & make the plant functional in all respectation including connection upto inverter complete all as specified & directed. (a) 50 KWP - 20 (Shangsak) (b) 50 KWP - 10 (Chassad) (c) 01x 100 KWP & 01 x 50 KWP - 20 (Somsai)	Each	50			
	Note :- 1. The new battery bank (500/600/1000 AH) will be supplied as schedule 'B' stores free for fixing only.					
	2. The old battery bank is issued as schedule of credit to the contractor.					
	3. The battery bank qty is 180 or 240 Nos.					
	Total					
	Schedule of Credit :-					
	1. Old unserviceable battery bank	Each	50			
	2. Old unserviceable PV Module	Each	30			
	Total					
	Total amount after deduction of Schedule of Credit					
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only

Note :- 1. Tenderers should submit price bid in above format in Excel Sheet (.XLS) in Bills of Quantity (BOQ) and upload the same on CPP portal (**Note to be uploaded with Technical bid doc**).

2. The rate quote by contractor should be inclusive of GST.

Signature of the Tenderer & Stamp