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E-PROCURE
Garrison Engineer
Military Engineer Services
Itarana, Alwar (Rajasthan)

3000/Q/112/E3

30 Jul 2020

M/s _____

PROVN OF GROUND BASED SOLAR POWER GENERATION
(SPV) 1MW CAPACITY AT ITARANA ALWAR MIL STN

Dear Sir

1. Your rate on BOQ is invited for the following Job at GE Alwar (Rajasthan) :-

(a) Soil investigation and recommending SBC and type of foundation for the Itarana Cantt area as per following specifications :-

Drilling of bore holes of 100mm dia in any type of soil/rock upto 7.0m depth from avg front road level and as directed by Engr-in-Charge complete locating ground water table and seasonal variations, collection of disturbed and undisturbed sample & conducting standard penetration test (SPT) as per IS specification at 1.5m interval in soil (other than hard rock) 7.0m depth if hard rock is met or at every change of strata, conducting following laboratory tests as specified in the IS form sample collect at site.

Tests :-

- (a) Moisture content, wet and dry sensity, grain size distribution, liquid limit, plastic limit & specific gravity.
- (b) Triaxial compression test (undrained) on cohesive soils of C&O.
- (c) Direct shear test on no-cohesive soil and determination of C&O.
- (d) SPT value till depth of exploration.
- (e) Consolidation test on cohesive soil.
- (f) Chemical analysis of soil to determine sulphate S Chloride contents PH value.
- (g) Chemical analysis of water from nearby borewell for construction purpose as per IS-456.

Evaluation :-

- (a) Allowable safe bearing capacity of soil on the basis of above tests.
- (b) Max permissible settlement of the foundation.

Recommendation :- Specific recommendation on type of foundation, depth of foundation and SBC and analytical discussion on tests results and evaluation.

Composition of Report :- Report shall cover all aspects as per Appx 'A' complete with photograph and videography of all the activities to be taken during drilling of bore holes at site and various other activities of soil investigation, colour photographs and video for collected soil samples obtained from bore log in wooden box indication of bore hole No & type of strata, site plan showing location of bore hole. Soil investigation report will be submitted to sixtriplicate alongwith softcopy of videos and colour photographs.

Auth : HQ 1 Corps letter No 211/02/AMWP/2019-20/Addl/Bldg/Q3 dt 20 Mar 2020 (AMWP/ALWAR/3/2019-2020) : Provn of Ground Based Solar Power Generation (SPV) 1MW Capacity at Itarana Alwar Mil Stn.

2. The stores are required for use of Central Govt (other than manufacturing purpose). Necessary Form 'D'/Certificate for reduces RST will be issued by the depot. Please quote accordingly.

3. All other terms and conditions are set out overleaf.

1. The rates shall be offered for the quality as per description, specification trade pattern literature etc. Alternative marks will not be entertained.
2. The rates quoted shall be including of all taxes and octroi etc. May be indicated separately.
3. The rates be FOR Rail/Transport head of our station consignees and local suppliers will effect delivery at store yard ALWAR.
4. Rates in respect of above work are uploaded on the site defproc.gov.in.
5. Bids will be received online by ACCEPTING OFFICER upto the date and time mentioned in the ONLINE PORTAL (defproc.gov.in) and as amended subsequently for subject work. No tender/bid will be received in physical form and any tender/bid received in such manner will be treated as non bonafide tender/bid.
6. Bid will be opened on due date and time fixed for opening in the presence of tenders/bidders or their authorized representatives, who have uploaded their quotation bid and who wish to be present at the time of opening the bids.
7. **BID VALIDITY** : Quotation will be valid for a period of 30 days from the date of bid submission mentioned on online portal i.e. **defproc.gov.in**.
8. Garrison Engineer Alwar reserves the right to accept/reject all quotations without assigning any reasons.
9. **Your quotation if found suitable, the supplies/work completion shall be made within 30 days to consignee GE Alwar.**
10. Rejected stores shall be collected by you under your own arrangement within 30 days of delivery, failing which the same shall be dispatched to consignor freight to pay without notice to this effect at your risk & cost.
11. Garrison Engineer reserves the right to place repeat order within 90 days from the date of placing first order.
12. Garrison Engineer reserves the right to call for suppliers in phased programme.
13. If you find and difficulty to adhere to the stipulated delivery period, a written request for extension of delivery date will be made before the last date of supply, failing which the supply order will be cancelled without any prior intimation. The Garrison Engineer Alwar reserves the right to extend delivery period or otherwise.
14. Full payment will be made within 15 days on receipt/acceptance of stores. Any delay in payment due to circumstances beyond the control, paying authority shall not enter him liable for any legal action.
15. Compensation at the rate of 1% per work (07 days) of delay will be charged if the job is not completed within the scheduled time subject to maximum of 10%.
16. The other terms and conditions governing the quotation/WOs which may be places as attached.