

GOVERNMENT OF JAMMU & KASHMIR
URBAN ENVIROMENTAL
ENGINEERING DEPARTMENT. J&K
[Emal:-eesdwestjammu@gmail.com](mailto:eesdwestjammu@gmail.com)

INVITATION FOR BIDS (IFB)

Bid Identification No: Fresh E-NIT No:- 70 Contract No.100 of 2016-17(3rd Call) Dated:-27-01-2017
Phone / Fax No: 0191-2477432

Dead line for submission of Bids: 13-02-2017 up-to 2:00 PM

For and on behalf of Governor of Jammu & Kashmir State, Executive Engineer, S&D Division West Jammu UEED Invites proposals in shape of e-Tenders comprising of two covers A&B from eligible Bidders whose registration cards are valid in terms of standing rules and renewed for the current financial year for below mentioned work on **Turnkey Lump Sum Fixed Cost Basis**.

S.No	Name of Work	Apprx Value of Work (lacs)	Bid security (lacs)	Cost of Bid Document	Time of completion for work	Class of Contract
1.	Design,Construction,testing and commissioning of 164 KLD capacity Septage Treatment Plant based on Activated Sludge Process(ASP) treatment process with all necessary units,piping,etc complete including E&M works as per approved design and technical specifications.Analysis including trial run of the plant for 6 months all complete after the testing and commissioning period with civil and E&M Works on turnkey basis at Bhagwati Nagar Jammu with Supervisory Control and Data Acquisition (SCADA) System including trial run for 6 months with operation & maintenance for next 5 years on Turnkey Basis .	450.00	9.00	Rs. 25000/-	12 Months	Registered Company

- The bidding documents consisting of, eligibility criteria, specifications, drawings, Bill of quantities (B.O.Q), set of terms and conditions of contract and other details can be seen / downloaded from the departmental website www.jktenders.gov.in as per schedule of dates given below:-

Tender Receiving Authority: Chief Engineer J&K UEED Suliman Shopping Complex Dalgate Srinagar/Camp office UEED Complex Jammu.

2. **Bidders are advised to inspect and examine the site and its surrounding and acquaint themselves about site conditions and scope of work before submitting Bid. They should know about the nature of the ground & sub soil (so far as is practicable), the topography of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their working/Bid. A Bidder shall be deemed to have acquainted himself with full knowledge of the site and scope of the work before participating in the bidding process.**
3. The Bidder shall be responsible for arranging and maintaining at his own cost all materials, tools, and plants, water, electricity access, facilities for workers and all other services required for executing the work.
5. Submission of Bid by a Bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done, and of local conditions and other factors having a bearing on execution of the work.
6. J & K UEED, reserves the right not to accept the lowest bid or any other bid or to reject all bids without assigning any reason.
7. Conditional Bids will straightway be rejected. All Bids, in which any of the prescribed conditions is not fulfilled or rebate put forth by the Bidder, shall summarily be rejected.
8. While this document has been prepared in good faith, neither JKUEED nor its employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements whatsoever, in respect of any statements or omissions herein, or the accuracy, reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document, even if any loss or damage is caused by any act or omission on their part.
9. NIT & Corrigendum will be part of Tender Document.
10. In order to facilitate evaluation of bids, deviations, if any, from the terms and conditions or Technical Specifications shall be listed in relevant form. The Bidder shall also provide the price implications, for withdrawal of the deviations. However, the attention of the bidders is drawn to the provisions of ITB Clause regarding the rejection of bids that are not substantially responsive to the requirements of the bidding documents. "Bidder may further note that except for the deviation forms, the bid shall be deemed to comply with all the requirements in the bidding documents and the bidders shall be required to comply with all such requirements of bidding documents including Technical Specifications without any mention to the contrary, and elsewhere in the bid.

11. The Tender is on turnkey basis & no financial deviation will be allowed.
The bidder will have to sign and stamped all the pages of NIT, Corrigendum's & tender document.
12. **DETAILS FOR ONLINE BIDDING (Terms and Conditions): -**
The Bids / Proposals shall be uploaded in electronic format on the website <http://www.jktenders.gov.in>.
The complete bidding process will be **ONLINE**.
- a) Cover-A**
- i) Scanned copy of CDR / FDR & Demand Draft from any Nationalized / scheduled Bank i(in original) against cost of bidding document.
 - ii) Experience certificate to the effect that the firm have completed /commissioned 164 KLD or more at least two Septage treatment plant /sewerage treatment plants of 2 MLD capacity are more in the country successfully with the successful running certificates from the competent authority for whom the plants has been constructed and commissioned with their e-mail address / Phone Nos.
 - iii) Certificate to the effect that the Firm's turnover for the last three years is Rs.15.00 Crores or more framed and issued by the registered Chartered Accountant and that of the Joint Venture Holder is Rs.5.00 Crores for the last three years issued by the Chartered Accountant.
 - iv) Copy of companies / firms registration certificate duly renewed for the year 2016-17 both for lead Firm and JV Holder.
 - v) Copy of TIN / PAN Number Firm and valid sale tax certificate from the Competent Authority .
 - vi) Authority letter of A.S.P Technology Provider, reputed one duly signed and stamped.
 - vii) Machinery Equipment , Technical staff certificate shall have to be produced by the bidder.
 - viii) Proof of joint venture dully attested by the Ist class magistrate.
 - ix) The Cover A of bids uploaded on the website up-to due date and time will be opened in the Office of the **Chief Engineer J&K UEED Suliman Complex Dalgate Srinagar/Camp Jammu** in the presence of the bidders who wish to remain present during opening. If the office happens to be closed on the date of opening of the bids the bids will be opened on the next working day or any convenient day at the same time and venue.
- b) Cover B--Financial Bid.**
- i) Price Bid of qualified bidders shall be opened in the office of **Chief Engineer J&K UEED Suliman Shopping Complex Dalgate Srinagar/Camp Jammu**. Time and date of opening of Price Bid shall be communicated through e-mail/fax to bidders qualifying in Cover A of the Bidding Documents.
13. The bidder must clearly mention cost offers separately for Construction of Septage Treatment Plant including all allied works and 5 years O&M cost for STP.
14. Bids must be accompanied by Cost of Document and EMD as mentioned in the above table in the form as specified. The **Demand Draft** on account of cost of bidding documents non refundable for the work shall be pledged to **Executive Engineer, S&D Division, West Jammu** & payable at jammu and Earnest Money in the shape of CDR/FDR shall be pledged to **Chief Engineer J&K UEED Suliman Complex Dalgate Srinagar UEED Srinagar/Camp office UEED Jammu** & payable at Srinagar/Jammu. The bids shall be valid at least for 180 days from, the date of opening of Technical Bids. **(Note: The fee on account of downloaded bidding documents shall be acceptable in form of demand draft only,**
15. The bidding documents consisting of qualifying information, eligibility criteria, set of terms and conditions of contract and other details can be seen / downloaded from the departmental website www.jktenders.gov.in as per schedule of dates given above.

16. **Earnest money shall be forfeited, if: -**
17. Any bidder withdrawing his bid during the period of bid validity or makes any modifications in the terms and conditions of the bid.
18. Bidders are advised to download bid submission manual from the “Downloads” option as well as from “Bidders manual kit” on website www.jktenders.gov.in to acquaint themselves bid submission process.
19. To participate in bidding process, bidders have to get “Digital Signature Certificate (DSC) as per information technology Act-2000. Bidders can get digital certificate from any approved vendors.
20. The bidders have to submit their bids online in electronic format with digital signature. No financial bid will be accepted in physical form.
21. The department will not be responsible for delay in online submission due to any reasons.
22. Scanned copy of cost of tender document in the shape of Demand Draft and Earnest Money / in the shape of CDR / FDR pledged to Chief Engineer J&K UEE Department Srinagar/Jammu must be uploaded with the bid. The original Demand Draft (Cost of tender document) CDR / FDR (earnest money) and relevant documents to be submitted to the **Chief Engineer J&K UEED Suliman Complex Dalgate Srinagar/Camp Jammu** in the shape of hardcopy by registered post / courier / by hand before due date & time of submission of tender / as per time schedule specified.
23. The cost shall be quoted by the bidder entirely in Indian Rupees both in words and figures and shall be deemed to include price escalation and all taxes upto completion of the work unless otherwise specified.
24. Bidders are advised to use “My documents” area in their user on UEED e-Tendering portal to store such documents as are required.
25. The date of start of the work shall be reckoned after one month from the date of issue of LOI / contract allotment as the case may be. During this month lowest bidder will frame the design and get design approved from the competent authority as decided by the Department.
26. **Penalty for delay in completion:** In case of delay in completion of work beyond stipulated period of completion, penalty up-to maximum of 10% of the contract value shall be imposed for first six months of delay. In case the work is not completed even after expiry of delay period of Six months the department shall be free to get the work completed through alternate means at the risk and cost of the lowest bidders.
27. **Time extension:** Suitable time extension shall be granted in the event of delay due to force majeure.
28. **Restoration of work:** On completion of contract the contractor shall be responsible to remove all un-used material and restore all work at his own cost.
29. **Traffic Regulations:** The contractor is bound to adhere to traffic regulations as is applicable from time to time and ensure arrangements of smooth regulation of traffic during execution of work.
30. **Safety:** The contractor shall be responsible for all safety measures to the life and property of workers, machines and all activities at site of work.
31. **Laws Governing the Contract:** The contract shall be governed by laws of the land.
32. Septage Treatment Plant shall predominately take care of SEWAGE generated from the septic tanks of area as per DPR and the treated effluent shall have to conform to the following standards.
- | | |
|---------------------------------|-----------|
| BOD | < 10mg/L |
| Suspended solids | < 30mg/L |
| COD | < 30mg/L |
| Ammonia / Nitrogen / Phosphorus | < 5mg/L |
| Oil and grease | < 5mg/L |
| Faecal Coliform | < 1000mpn |
33. The successful tenderer shall have to submit eight copies of Design containing designs, of all components working drawings, work plans, pert chart etc alongwith soft copies

34. The successful bidder has to get the design approved from the competent authority as decided by the Department. The cost on this account shall be borne by the bidder.
35. The intending tenderer are required to read carefully the contents of the NIT / tender document and visit the site of work before submission of their bid offers.
36. The cost quoted by the tenderer shall be inclusive of all taxes, carriages of all sorts of materials , FOR site of work as applicable in the J&K of State / Central Govt.
37. Physical and chemical characteristic of Septage.

Constituent (all units but for pH are in mg/l)	Average	Range
BOD	6480	440-78600
COD	31900	1500-703000
Total Solids	34106	1132-130745
Total Volatile solids	23100	353-71402
Total suspended solids	12862	310-93378
Volatile suspended solids	9027	95-51500
Total Kjeldahal	588	66-1060
Ammonia Nitrogen	97	3-116
Total phosphorus	210	20-760
Alkalinity	970	522-4190
Grease	5600	208-23308
pH	--	1.5-12.6

38. While designing the Septage Treatment Plant the bidders may consider the following parameters.

Capacity	300m³/day		
Tank Volume	Tank name	Effective Volume m3	Setting value
	Mixing storage tank	1500	Retention time 5 days
	Thickener	300	Retention time 1 day
	Septage storage tank	150	Retention time 1 day
	Separate liquid tank	135	Retention time 1 day
	Activated sludge tank	428	BOD volumetric loading: 0.4 kg/m ³ /day
	Sedimentation tank	36	Retention time: 3 hr.
	Disinfection tank	3.0	Retention time: 15 min
Equipment Capacity	Centrifuge	15 m ³ /h x 1 units	Operating hours 5 days / 1 week, 18 h/1day

39. Any other information can be obtained from the office of the undersigned on any working day during office hours.
40. All other terms and conditions shall remain same as laid down in the PWD form No: 25.

41. The rate quoted should be inclusive of carriage of material nothing extra shall be paid for the Carriages.
42. The Contractor has to dispose of the Surplus material at the spot identified by the Engineer in charged. (Both dismantled and surplus Material) nothing extra shall be paid for disposal.
43. The key construction material shall be procured by the contractor as per the specification mention below:-

SL.	MATERIAL	SUPPLIER, MANUFACTURER, VENDOR,
1	Cement	Ultratech, Ambuja & ACC Brand
2	TMT Steel	TATA TISCON, SAIL , JINDAL PANTHER & RINL

The specification of material and the quality of work, shall have to be verified by the concerned Asst. Executive Engineer before the start of the work and during the execution of the work.

No:-SDJ/W/8248-69
Date:-27-01-2017

Sd/-
Executive Engineer
Sewerage & Drainage Division (West)
Jammu

Copy to the:-

1. Chief Engineer, J&K Urban Environmental Engineering Department Srinagar/ Jammu. For information please.
2. Chief Engineer, J&K (R&B) Department Jammu. For information please.
3. Chief Engineer, J&K PHE Department Jammu. For information please.
4. Chief Engineer, J&K I&FC Department Jammu. For information please.
5. District Development Commissioner, Jammu. For information please.
6. Commissioner, Municipal Corporation Jammu. For information please.
7. Superintending Engineer, Sewerage & Drainage Circle Jammu. For information please.
8. Executive Engineer, Town Drainage Division Jammu.
9. Joint Director, Information Department Jammu.
10. TO to Executive Engineer, Sewerage & Drainage Division (West) Jammu.
11. President, Contractors Association Canal Road Jammu.
- 12-17 Asstt. Executive Engineer, Drainage Sub Division No.I / II / III (West) Jammu, Sewerage Sub Division No.I / II Jammu / Mechanical Sub Division (UEED) Jammu.
- 18-21 Assistant Accounts Officer / Head Draftsman / Head Assistant / Camp Clerk of Sewerage & Drainage Division (West) Jammu.
22. Divisional Notice Board Jammu.