

**DELHI JAL BOARD: GOVT OF N.C.T. OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (C) DR.XI
KANHAIYA NAGAR, NEAR METRO STATION,
DELHI-110035
TELE FAX :- 011-27397168**

SHORT NOTICE NIT NO. 1 (2015-16)

1. On behalf of DJB, EE(C)DR.XI invites sealed competitive item rate tenders from the firms specialized in Geotechnical Investigation for carrying out the following work. The participating firm should submit the experience certificate / proof of similar nature of works executed recently.

Last date & time for submitting tender documents : 25.05.2015 upto 15:00 Hours
Date/Time opening of Technical Bid : 25.05.2015 at 15:10 Hours
Date/Time opening of Financial Bid : on completion of Technical Bid

S. No.	Name of work	Amount put to tender	Earnest money	Time allowed
1.	Carrying out Geotechnical Investigations at the site of proposed 40 MGD WWTP at Coronation Pillar.	Item rate tender	Rs. 5,000/-	25 days

2. The tender shall be submitted in a single sealed cover containing two separate sealed covers marked **Cover-A** and **Cover-B** addressed to the Executive Engineer (C) DR.XI, Delhi Jal Board, Kanhaiya Nagar, Near Metro Station, Delhi-110035. The **Cover-A** shall be Technical Bid containing the Earnest Money Deposit, experience certificate / proof of similar nature of works executed recently and the documents required as per the "Additional Information of NIT as attached herewith" and **Cover-B** shall contain Price Bid. The following shall be super scribed on the cover :-

- 1) The NIT no.
- 2) Name of work
- 3) Due date for receipt of tender
- 4) Name and address of the tenderer

3. The **Cover-A** i.e. Technical Bids shall be opened at 3:10 PM on the 25.05.2015 in the office of the Executive Engineer (C) DR.XI, Delhi Jal Board, Kanhaiya Nagar, Near Metro Station, Delhi-110035, in the presence of bidders who may like to attend. The **Cover-B** shall be opened only for those tenders, who fulfill the eligibility criteria under **Cover-A**.

4. Desirous agency may download bid document including format of **Cover-B** from website www.delhijalboard.nic.in.

5. The validity of rates shall be 30 days from the date of opening of tenders (**Cover-B**). Delhi Jal Board reserves the right to reject any or all tenders without assigning any reason. 100% earnest money shall stand forfeited in case : (A). If contractor withdraws the offer within the validity period of bid. (B). the contractor who neither executes the Contract Agreement within stipulated period as stated in work order nor takes up the execution of work even after lapse of date of start of work.

-Sd-
EXECUTIVE ENGINEER(C) DR.XI

No. DJB/EE(C)DR-XI/2015/

Dated : 21.05.2015

Copy to :-

1. Member(DR) / CE(DR)PR-I / CE(DR)PR-II
2. DOV
3. SE(DR)Pr. E&NE
4. Consultant (PR)
5. EE(EDP) with the request to upload on DJB's website.
6. AO(DR)Pr. E&NE / AAO(C)DR.XI
7. All AE's(C)DR.XI / Tender Clerk(C)DR.XI / NIT Register.
8. Notice Board of EE(C)DR.XI
9. Contractor Welfare Association, 36 Block-BA, Pashcim Shalimar Bagh, New Delhi-88 / Contractor Welfare Association, WZ-485, 10B/1st Floor, Basai Darapur, New Delhi-15
10. Agencies working in field of Geotechnical Investigation.

-Sd-
EXECUTIVE ENGINEER(C) DR.XI

Additional information of NIT

The tenderer must be fully conversant with the documents which will form part of contract agreement i.e. General Conditions, Clauses of contract, Safety codes, Model Rules, CPWD contractor labour regulations, (Standard document). The same are available on DJB's website. However, these are not to be attached with tender documents. Duly signed Technical Specifications attached with the NIT are to be submitted along with Technical Bid.

The tenderer shall submit the offer online under two bid system i.e. **Cover-A** (Technical) & **Cover-B** (Financial).

1) Cover-A shall consist of the following :-

Copies of :-

- a) TIN Number as issued by DVAT Department and proof of having submitted the latest DVAT/ CST return etc., Copy of PAN number.
- b) Service Tax Registration certificate issued by service tax department.
- c) Bidder shall submit the EMD in shape of demand draft / call deposit receipt / bankers cheque / pay order drawn on schedule bank payable at Delhi in favour of Delhi Jal Board.

2) Cover – B

It shall be financial bid containing filled up Annexure-B and duly filled Bill of Quantity.

APPLICATION FORM

The Executive Engineer,
Name of Division EE (C) DR. XI
Delhi Jal Board

Subject : Tender for the work of _____

Press Notification / N.I.T. No. / 2015-16 Item No. _____

Sir,

1. * I/We am/are registered with the DJB as Class (Category) _____ contractor/contractors eligible to tender upto Rs. _____. Our registration No. is _____. It is further certified that the said registration is valid as on date _____.

1. * I/We am/are not registered with DJB (in the case of manufacture details of manufacturing license / registration with State Industry Department is attached at page _____).

* I/We am/are registered contractors with _____. Particulars of the authority. Class and tendered amount/limit upto which I/We am/are liable to tender are furnished below :-

Name of Department / authority	Class / Category	Tendering Limit

It is certified (confirmed) that this registration / these registration is/are valid as on date and we shall inform the department ourselves as soon as our registration expires or is cancelled / revoked.

The particulars of the work done are furnished / enclosed as per the eligibility criteria set out in the Press Notification. The tender fee (non-refundable) & Earnest Money us also enclosed in the envelope marked EARNEST MONEY (Part-A).

I/We certify that we have gone through the special conditions, General Conditions with DJB safety codes Clauses of contract, Model rules for protection of Health & Sanitary arrangements for workers employed in or by Delhi Jal Board or its contractor, Contractors Labour Regulations & NIT conditions. We further confirm of having full knowledge that the above conditions are to form a part of the contract agreement executed with the successful contractor.

I/We request, the permission may be granted to me/us to participate in the tender.

Encl.: a) Tender Fee Rs. _____ in the shape of _____
b) EMD Rs. _____ in the shape of _____
c) Documents in support of fulfilling the eligibility criteria, registration etc. placed From page No. _____ to _____.

Yours faithfully,
(Contractor)*

Name
Telephone No.
Address:-

(*Strike out in applicable portion)

DELHI JAL BOARD : GOVT. OF NCT OF DELHI
TENDER FORM
PERCENTAGE / ITEM RATE TENDER

TO BE FILLED IN BY THE CONTRACTOR, TENDER DOWNLOADED FROM THE WEBSITE OR COLLECTED MANUALLY.

1. Tender for the work of _____
 - a) To be submitted by _____ (day & time)
 - b) To be opened in the presence of tenderer who may be like to attend _____ at (time).
1. Issued to/down loaded by _____ (contractor)
2. Signature _____

TENDER

I/We have read the examined the press notification / Notice Inviting Tender, specifications of the works as applicable i.e. scope of work, special conditions, General Conditions, Clause of contract and other relevant matter available in the tender documents.

I/We hereby tender for the execution of the work specified by Delhi Jal Board within the specified time and schedule of quantities in accordance in all respects with specifications, design, drawings, and instructions in writing referred to the General Conditions / Clauses of contract etc. as given in the aforesaid Para.

We agree to keep the tender rate open for 60 days from the date of its submission and not to make any modification in its terms & conditions.

We are aware that the conditional tender is liable for rejection; Delhi Jal Board has a right to reject any tender or all the tenders without assigning any reasons.

A sum of Rs. _____ has been submitted with the tender in the required form as Earnest Money. If I/We fails to commence the work within specified period, I/We agree that the Delhi Jal Board or designated office shall without prejudice to any other right or remedy, be at liberty to forfeit the Earnest Money absolutely otherwise the said earnest money shall be retained by him / DJB towards security deposit to execute all the works referred to in the tender documents upon the terms & conditions contained or referred to therein and to carry out such deviations as may be ordered.

I/We hereby declared that I/We shall treat the tender documents and other records connected with the works as secret/confidential documents and shall not communicate information/derive there from to any person other than a person other than a whom I/we am/are authorize to communicate the same or use the information in any manner prejudicial to the safety of the Govt.

I/We agree that should I/We fails to commence the work specified as above as equal amount to be amount of earnest of earnest money mentioned in the form of invitation of tender and performance guarantee shall be absolutely forfeited to the DJB and the same may be at the opinion of the competent authority on behalf of DJB be recover without prejudice to any other

right or remedy available in the law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under the said contract or otherwise.

I/We confirm that I/We duly authorized to sign the tender documents.

I/We are aware and agree to the terms & conditions as mentioned in the aforesaid para that will form the contract documents to be placed in the contract agreement to be signed by the DJB and the successful tenderer.

I/We hereby tender for the execution of work @ rates mentioned in the Bill of Quantity against each item.

Signature of the contractor

Name of work :- Carrying out Geotechnical Investigations at the site of proposed 40 MGD WWTP at Coronation Pillar.

BILL OF QUANTITY

S. No.	Description of item	Qty.	Rate	Unit	Amount
1	Transportation, Barricading, Local Shifting (Mobilization / Demobilization of men and equipment at site for carrying out field work).	1.00		Job	
2	Boring of 100 to 150 mm dia, Bore holes up to 25 m depth in soil by shell and auger method including, a) Conducting SPT at every 1.5 m intercal or at every change of strata. b) Collecting disturbed & undisturbed soil samples. c) Recording ground water table. d) Conducting chemical analysis of underground water, if met with, including recommendations of its effects\ on RCC structures. e) Conducting salandered laboratory test on selected samples. f) Submission of a comprehensive soil report. g) Submission of graphical representation and its classification.	200 m		Per Meter depth	
	Total				

(Amount in words)

Signature of Contractor with stamp

SPECIAL CONDITIONS

Name of work :- Carrying out Geotechnical Investigations at the site of proposed 40 MGD WWTP at Coronation Pillar.

Technical Specifications

1.1 Scope of Work

The scope of work envisaged under this tender covers the planning, formulation and conduct of Geotechnical investigation at the project site of "Construction of 40 MGD WWTP at Coronation Pillar".

1.1.1 Main Field Investigation

The investigations include drilling 10 no. boreholes to a depth of 15 m or refusal whichever is earlier and 2 nos. boreholes to a depth of 25 m or refusal whichever is earlier for recovery of cores, undisturbed soil sampling, in situ laboratory testing (groundwater sample testing), and trial pitting, and capping of boreholes. All data obtained should be compiled into report.

The diameter of the boreholes shall be such as to permit collection of undisturbed samples of 100 mm diameter. However, the diameter shall not exceed 150 mm. Boring shall include rotary drilling with recovery of core where rock is encountered and soft ground boring of the overburden where deposits are unconsolidated.

All geotechnical data of the project site will be entered into a single dedicated geotechnical data base capable of storing, manipulating and plotting any required combination of data.

The work shall comprise in general :

- a) Mobilization of boring rigs, including all accessories, tools and plants and skilled / unskilled personnel necessary for field work.
- b) Drilling of 10 nos. boreholes 100 mm dia or near size in all classes of soil up to a depth of 15 m and 2 nos. boreholes up to a depth of 25 m including rock at selected locations suggested and fixed by the Engineer in charge. The diameter of the boreholes shall be such as to permit collection of undisturbed samples of 100 mm diameter. However, the diameter shall not exceed 150 mm.
- c) Conducting standard penetration tests in the boreholes at specified regular intervals of 1.5 m commencing from 1.50 m depth, down G.L. or at change of soil stratum, according to site conditions.

- d) Collection and recovery of undisturbed samples at 3.0 m intervals, starting from a depth of 1.00 m from G.L. or at change of soil stratum, in standard M.S. tubes, sealed waxed and labeled including safe storage and transshipment to the laboratory concerned.
- e) Collection of disturbed soil samples in air tight containers, polythene bags, plastic tins or jars, sealed, waxed and labeled properly, including storage and safe transshipment to the laboratory, for inspection and testing.
- f) Collection of water samples from 5.00 m to 10.00 m depth from boreholes, in containers, sealed, labeled and presented for chemical analysis.

1.1.2 Laboratory Testing

Conducting necessary laboratory tests on the disturbed and undisturbed sampled judiciously selected representative samples from a lot according to the nature of soil met with and as per stipulation of latest I.S. and / or other relevant codes and furnishing the test results and records obtained from the laboratory in hard and soft copies.

1.1.3 Outputs

The reports produced after soil investigation studies will comprise of Factual reports and Interpretative reports and 6 no. of hard copies along with soft copy of the report will be submitted in the office of the undersigned.

Factual report : This will include the detailed report of all the field activities with details of measurement, sampling, and laboratory tests.

Interpretative reports :

This will include the technical interpretation of all the data in the factual report. The interpretative report is to be produced by the Specialists for soils and foundations / construction engineer. This will include recommendations:

- i) Soil parameters and found water table.
- ii) Soil bearing capacities at different depths.
- iii) All other relevant details including bearing capacity calculation as far as construction of different structures of WWTP with higher depth or heights.