

NOTICE INVITING QUOTATION

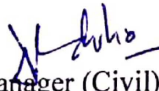
Name of work:- Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi.

NIQ No. 01 DTC/Manager (Civil) PMC / HQ/ NIQ/2020/01 dt: 15-12-2020

Time allowed: 25 days.

This NIQ document contains pages from 1 to 13


Consultant Sr. Mgr. (C)
DTC


Manager (Civil)
DTC


15/12/20
Dy. CGM (Civil)-II

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15/12/20.

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Name of work:- Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi.

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Delhi Transport Corporation
Notice Inviting Quotation

NOTICE

The Dy. CGM (Civil)-II N.N. Depot Delhi 93. invites on behalf of the MD, DTC, online offer in single bid system from approved and eligible consultants empanelled with any of the Govt. Department of GNCTD /MCD/ CPWD for inspection/ Rehabilitation of Govt Building for the following work:-

NIQ No. 01 DTC/Manager (Civil) PMC / HQ/ NIQ/2020/01 dt. 15-12-2020

Name of work:- Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi.

Earnest Money: Rs.2000/-

Period of Completion: 25 days.

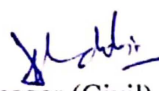
Last date & time of submission of Quotation is Dated:- 29/12/20 Time:- upto 12.00 P.M.
(The submission of the quotation shall be done physically in Tender Cell, Room no. 207, DTC HQ Building, I.P.Estate , New Delhi:- 110002)

Date and time of opening of quotation----- 29/12/20 at 3.00PM.

The Bid forms and other details can be seen and downloaded from the DTC e-tender website as under.

<https://DTC.nic.in>


Consultant Sr.Mgr.(C)
DTC


Manager (Civil)
DTC


Dy.CGM (Civil)-II

DELHI TRANSPORT CORPORATION

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INFORMATION AND INSTRUCTIONS FOR BIDDERS

The Dy. CGM (Civil)-II, N.N. Depot, Delhi 93. invites on behalf of the MD, DTC, offline percentage offers in single bid system from approved and eligible consultants empanelled with any of the Govt. Department of GNCTD /MCD/ CPWD for inspection/ Rehabilitation of Govt Buildings for the following work:-

Serial No.	NIQ No.	Name of work	Earnest Money	Period of completion	Last date and time of receipt of technical and financial bid through e-procurement solution	Estimated cost
1	2	3	4	5	6	7
1	DTC/Manager (Civil) PMC / HQ/ NIQ/2020/	Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi.	Rs.2000/-	25 days	* upto 3.00 PM	Rs.-1,06,200/-

The consultant shall submit offline offer under single bid system.

The Following documents in this regard shall be submitted along with the bid documents by the intending consultants in sealed cover:-

- Earnest Money. In the form of demand draft of Rs. 2000/- in favour of MD, DTC
- Self attested copy of GST Registration Certificate.
- Self attested copy of PAN Number as issued by I.T. department.
- Self attested copy of similar work (*) experience certificate as per Para 3.1 (ii) / Page - 6
- Self attested copy of valid certificate of empanelment as consultant for any of the Govt. Department of GNCTD /MCD/ CPWD for inspection/ Rehabilitation of Govt Buildings.

(*) Similar work shall mean the work of inspection, testing and preparing DPR (including remedial measures) for rehabilitation of building structures of same quantum.

All the documents listed above shall be enclosed with the NIQ. All documents and NIQ should be duly signed and stamped by the intending bidders. Otherwise department may reject the bids and take necessary accordingly.

ARTICLES

The comprehensive scheme showing the works required as per **Terms of References** attached as Annexure-I is to be prepared by Consultant.

The objective of engaging a consultant for the project is to evolve an aesthetically pleasing, technically sound and economic proposal for **Repair & Rehabilitation of DTC Shadi Pur Depot Building New Delhi:-**

1.0 THE DEFINITIONS AND EXTENT OF AGREEMENT

1.1 Consultants accept the relationship of trust and confidence established between him and the MD, DTC this agreement. He covenants the MD, DTC to furnish his best skills and judgment to cooperate in furthering the interests of the MD, DTC. He agrees to furnish efficient business administration and to use his best efforts to design the Project in the best and soundest way and in the most expeditious and economical manner consistent with interests of the MD, DTC.

1.2 DEFINITIONS

For the purpose of this agreement, the following words and expressions shall have the meanings hereby assigned to them, except where the context requires otherwise.

- a) "Engineer-in-Charge" shall mean the person posted as Dy. CGM (Civil)-II DTC, Govt. of Delhi and shall be responsible for total construction management of the Project. All communication to and from the rehabilitation Consultant shall be routed through the Engineer-in-Charge, who shall be the duly authorized representative of the MD, DTC for the purpose of the agreement.
- b) "Consultant " shall mean which includes its authorized representative and legal heirs, engaged by the MD, DTC for undertaking the preparation of rehabilitation of DTC Shadi Pur Depot New Delhi.
- c) "Approved" shall mean approval granted by the Engineer-in-Charge in writing or accepted by him for incorporation into the works.
- d) "Contractor" shall mean a person/firm/company engaged by the MD, DTC for executing the works included in the scope of works of the Consultant.

2.0 SCOPE OF WORK

The Consultant shall be required to prepare and submit to the Engineer-in-Charge the following items of the work under this agreement.

2.1 PRE-TENDER SERVICES

As per terms of reference attached as (**Annexure-I**).

2.2 POST-TENDER SERVICES

- 2.2.1 (i) Assist in the review of any additional structural design and drawings during implementation of the approved rehabilitation and repair measures.
- (ii) Advise on the Contractor's proposal for scheme of staging, formwork etc. required to complete the rehabilitation and repair scheme.

3.0 PREQUALIFICATION

- 3.1 (i) The consultant should have valid empanelment for Inspection & Rehabilitation Govt. Buildings for the work of consultancy for undertaking Projects of Repair & Rehabilitation of the Buildings with any Govt. Deptt. of GNCTD/MCD/CPWD.
- (ii) The Consultant should have experience of one similar nature of work of at least same quantum as per present work during the last seven years.

4.0 GENERAL CONDITIONS OF AGREEMENT

- 4.1 The special inspection, conducting tests and rehabilitation proposal shall be in conformity with the latest National Building Codes (NBC) guidelines & IS/BIS codes specifications and direction of the Engineer-in-Charge
- 4.2 The Consultant will have constant and regular interaction with the Engineer-in-Charge and project proof Consultant, if any, for formulating the rehabilitation philosophy and rehabilitation parameters, preparation of detailed design/drawings/guidelines as stated herein including obtaining approval of the same from Engineer-in-Charge.
- 4.3 The Consultant shall prepare detailed drawings in digital format of various components and sub-components of the work and Consultant shall submit one soft copy in CDs of all the final Report and approved drawings etc. The design shall be based on design norms given in the Approved Design Basis Report. The analysis shall be done using general purpose structural engineering software as approved by the Engineer-in-Charge.
- 4.4 All design calculations and drawings including modified design/drawings shall be submitted in two sets to the Engineer-in-Charge.
- 4.5 The Consultant shall submit two bound sets of final approved design calculation and drawings for the entire scheme.
- 4.6 The Consultant shall also specify the method of construction and salient technology features required to advise on the requirements for ensuring quality control during

construction and to be included in the tender documents. The technology should be available in India and time tested for its efficiency.

- 4.7 The design/ remedial measures shall be submitted in chronological order as decided by Engineer-in-Charge so that there is no hold up in the execution of the project for want of designs/ remedial measures. The Consultant shall ensure timely flow of working drawings/instructions.
- 4.8 It will be the responsibility of the Consultant to get the designs and drawings/approved from the proof Consultant, if any, by rendering necessary assistance / clarifications. The Consultant shall furnish all the relevant supporting documents, additional design calculations required by the proof Consultant at no extra cost of the department, as the same is deemed to be included in the lump sum fee. Fees of the proof Consultant shall be paid by Department.
- 4.9 In case more elaborate drawings or design calculations are required by the Engineer-in-Charge, the same shall have to be supplied by the consultant as per requirement at no extra cost.
- 4.10 The consultant shall render every assistance, guidance and advice in general to the Engineer-in-Charge on any matter concerning the technical aspects of the project.

5.0 RESPONSIBILITIES FOR THE CONSULTANT

- 5.1 The Consultant during the period of his assignment and thereafter, till the satisfactory completion of the work, act as consultant and give any advice regarding the execution of repair & rehabilitation work as per structural drawings, including to the intending contractors who would tender and undertake the execution of work.
- 5.2 Consultant shall be responsible for accuracy and soundness of designs and good for execution drawings prepared by him.
- 5.3 The consultant shall protect the department against any damage or loss arising for want of such care and diligence or neglect of professional duty. To this effect, the Consultant shall indemnify the department through a professional indemnity insurance policy with a nationalized insurance company for 10% of the total fees payable to him. A copy of the policy shall be deposited with the Engineer-in-Charge.
- 5.4 The Consultant shall promptly notify the Engineer-in-Charge of any change in the constitution of his firm. It shall be open to the Engineer-in-Charge to terminate the agreement on the death, retirement, insanity or insolvency on any person being Director in the said firm, or on the addition or introduction of new Director without the previous approval in writing of the Engineer-in-Charge. But until it's termination by the Engineer-in-Charge as aforesaid, this agreement shall continue to be in full force and effect not withstanding any changes in the constitution of the firm by death, retirement, insanity or insolvency of any of it's Director or addition or introduction of any new Director. In case of death or retirement, the surviving or remaining Directors of the form shall be jointly and severally liable for the due and satisfactory performances of all the terms and conditions of this agreement.

5.5 The key personnel's comprising the consultant's team for the work should be drawn from the permanent staff of the firm. These key personnel's will be continuously associated with the design and drawings of this work from beginning to completion of the work.

5.6 The team should comprise of one senior in structural designer, and other support staff as per requirement. Senior in structural engineer should be a Post graduate in civil engineering with at least 10 years of experience and should have experience of at least one work of similar nature and quantum.

6.0 OBLIGATION OF THE ENGINEER-IN-CHARGE

6.1 The Engineer-in-Charge shall provide full information regarding the requirements of the project.

6.2 If any fault or defect in the designs and drawings or non-conformity of the drawings and specifications, come to the notice of the Engineer-in-Charge, the same shall be notified to the Consultant.

6.3 The water and electricity shall be provided by the client free of cost to the consultant for testing

7.0 CHANGES IN THE PROJECT

- 7.1 The Consultant agrees that he will not without the written permission of the Engineer-in-Charge makes any deviations in the approved plans or order any variation, omission or extras.
- 7.2 The Engineer-in-Charge without invalidating this agreement may order changes within the general scope of this agreement consisting of additions, deletions or other revision. All such changes shall be authorized by a change order.
- 7.3 A change order is a written order to the Consultant signed by the Engineer-in-Charge issued after execution of this agreement, authorizing a change in the scope of the services to be provided by the Consultant for which the fees will be suitably determined for any additional work involved.
- 7.4 The decision of the Engineer-in-Charge will be final and binding as to what constitutes a change, confirmed estimates for the cost of works detailed in the change order, all payments for the intermediate stages will be based on the estimated cost of such works.

8.0 CONSULTANT'S FEE AND STAGES OF PAYMENT

- 8.1(A) In the consideration of the performance of this agreement, the MD, DTC agrees to pay the Consultant for the services, at item rate basis as per Bill of quantities and rate quoted by the consultant
- (B) The Consultant fee should include the cost of all the equipment and T&P which may be required for checking/inspection of the buildings and cost of testing and drawing etc.
- 8.2 The Consultant shall be paid against the work done as per bill of quantities and rate quoted by the consultant.
- 8.3 The MD, DTC agrees to pay the bills within a month of its submission by the Consultant.
- 8.4 The rates quoted by the consultant shall be inclusive of GST as applicable and other applicable taxes, if any.

- 8.5 The professional fees of the Consultant include minimum two site visits to the site, one during the construction period and one after completion as and when required by the Engineer-in-Charge. After site visit Consultant would be required to submit inspection report which should also include observations and suggestions on quality assurance aspects.
- 8.6 Consultant's professional fee are also inclusive of responsibilities of carrying out modifications in design and drawings, if any required during executions of work due to site conditions unless indicated otherwise in the change order.
- 8.7 The Consultant's fee received from the agreement will be subject to normal tax liability in India. The Consultant shall be responsible for filing their tax returns and paying all the necessary taxes to Indian Government or any of its statutory authorities with no liability to the department. The income tax shall be deducted at source as per government direction.

9.0 SETTLEMENT OF DISPUTES

All difference and disputes arising between the DTC and the Consultant on any matter connected with this agreement in regard to the interpretation thereof or any other matter will be referred to the CMD/MD, DTC or any person designated for this purpose by MD, DTC. The decision of the MD, DTC shall be final and binding on both the parties.

10.0 SINGULAR TERMS TO HAVE PLURAL MEANING AND VICE VERSA

It is also an agreed term of this agreement that the singular terms and phrases, referred to herein above, shall have plural meaning and vice versa.

Signed this.....day ofat New Delhi

Witness:-

1. For and on behalf of the MD, DTC
I.P. Estate: New Delhi.

2.

Witness:-

1.

2.

DELHI TRANSPORT CORPORATION
Govt. of Delhi

Name of work:-

Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi..

TERMS OF REFERENCES

1. The consultant is required to inspect all components of the building in detail by suitable investigative technique of building fully & comprehensively to ensure that the building is safe or not. The cost of all the equipment, other T&P which may be required for checking/inspection of the building also included in consultancy fee.
2. The consultant is to undertake required destructive and non- destructive tests as per BIS/IS Codes and to suggest the remedial measures required to be taken for various parts of the bridge.
3. The consultant is required to inspect all Beams, Columns & Slabs and suggest the remedial measures.
4. The consultant is required to suggest the method of repairs / rehabilitation of the building .
5. The consultant is required to make detailed specifications of each item of work required for rehabilitation of building.
6. The consultant is required to make detailed cost estimates including analysis, if required, for all the items necessary for rehabilitation of building on market as well as / DSR -2016, wherever applicable, and as per direction of Engineer-in-Charges.
7. The time schedule be prepared by the Consultant for physically carrying out the work.
8. The materials, equipment etc along with source where it is available is to be specified by the Consultant for rehabilitation of the building.
9. The Consultant is required to inspect whether the execution of the work is being carried out as per requirement or not, if not, it must suggest suitable remedial measures. The fee should include required site visits during execution and after completing of the work.

Name of work:-

Providing services for special inspection, analysis of existing structure, conducting tests and preparation of remedial measures report including Bill of Quantities (BOQ) for Repair & Rehabilitation of Existing building at Shadipur DTC Depot, Delhi.

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S.No.	Description of Item	Unit	Qty.	Rate	Amount
1.	Site visit to assess the Structural strength of the existing DTC depot building at Shadipur for various structural element like beams, columns and slabs by visual inspection & taking photograph of critical structural element such as Foundation, Columns and Beams. Structural survey of the existing building by Rapid visual screening as per IS 13935:2009 and IS15988:2013 & taking photograph of Column and Beam. Drafting of available hard copy of drawings in AutoCAD marking the testing points and taking measurement of columns and beams sizes required.	job	1 job	LS	15,000.00
2	Conditional survey of the buildings by Destructive / Non Destructive Test (Note: numbers of test and type of test shall be decided as per structural requirements, only those tests shall be conducted which are applicable and required for structure audit)				
	a) Rebound hammer: To find out the compressive strength of concrete by sing rebound hammer as per IS 13311 (Part 2): 1992, reaffirmed 2013. (b) Concrete core Test: Drilling out and testing of concrete core for valuation of the compressive strength of concrete. (c) UPV test (Ultrasonic Pulse Velocity test): Ultrasonic scanning to evaluate homogeneity and integrity of concrete. (d) Chloride content of concrete To determines the chloride content of concrete (e) Half-Cell Potential Test: To assess the severity of steel corrosion is to measure the corrosion. (f) Ph value (to check alkalinity of				

	concrete) as per relevant B.S. 5328, ACI 201.2R-92 and ACI-318-99, IS 456:2000, BS 8110 J	job	1job	LS	50,000.00
3	Submission of NDT report and suggesting remedial measures and issue of structural Drawing and final report to DTC.	job	1job	LS	5000.00
4	Preparation of tentative BOQ and identifying the various items and its rate in association with department.	job	1job	LS	10,000.00
5.	Site inspection during execution and issue of structural stability certificate after completion of work at site	Job	1job	LS	10,000.00
	Taxable amount				90,000.00
	Add GST @ 18.00%				16,200.00
	"A" Total estimated cost				1,06,200.00

The %age rate quoted above/below on "A" -----

Amount of quoted Rates -----

(Signature of Consultant/Agency)

Consultant/Sr. Manager (Civil)
Delhi Transport Corporation