



MANOHAR PARRIKAR INSTITUTE FOR
DEFENCE STUDIES AND ANALYSES

मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान

No.1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi – 110 010

Ph. No., 26717983 Ext:305/312

Email: pktiwari.idsa@gov.in

MP-IDSA/EM/WS/VOL-II/2023

Date: 23 Jan 2023

**ONLINE QUOTES FOR CONSTRUCTION OF RAIN WATER
HARVESTING TANK WITH BORE**

Online bids are invited under single bid system on GeM from bonafide and experienced Firm/ Contractor for “Construction of rain water harvesting tank with bore” at MP-IDSA premises located at No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi -110 010.

Detailed Tender Documents are available on line from the date of tender publication at <https://www.mstcecommerce.com>, www.idsa.in and <https://www.eprocure.gov.in/epublish/app>. The interested bidders are advised to register themselves with e-procurement Portal at - <https://www.mstcecommerce.com> to participate in the e-Tender. The bidders should download and then upload duly signed tender form and their bids along with scanned copies of all the relevant certificates, documents etc. in support of their technical bids and financial bids on the <https://www.mstcecommerce.com>, latest by **13th Feb 2023** by 1500 hrs. Hard copies of the relevant documents also to be submitted along with (1) Demand Draft for Rs. **5000/- (Rupees Five thousand only)** in favour of “**MP-IDSA**” payable at **New Delhi** as Earnest Money Deposit and (2) all documents signed and stamped, which shall be submitted in sealed cover addressed to the **Assistant Director, Institute for Defence Studies and Analyses**, may be sent at the Institute’s address mentioned above either by Speed Post / By hand delivery at Tender Box kept at the reception office, should reach on or before **1500 hrs, 13th Feb 2023** duly mentioning on top right hand corner of the sealed envelope “**EMD and any other supporting documents for “Construction of rain water harvesting tank with bore”**”.

All the tenders are to be submitted on the prescribed forms, as enclosed, duly signed, stamped and dated on each page of tender and Annexures as their unconditional and explicit concurrence to the terms and conditions laid down by the Institute.

The bids shall only be opened online in presence of the bidders or their authorized representative, not more than one person, may be present at the time of opening of the


bids, if they desire. **No manual bids will be accepted. All quotation should be submitted on the E-procurement portal.**

MP-IDSA reserves the right to accept or reject any or all quotations including the lowest bidder without assigning any reason at its sole discretion and the decision of the MP-IDSA will be final and binding to all concerned.

(i) Publish Date & Time	23.01.2023, 11:00 hrs
(ii) Document Download Start Date & Time	23.01.2023, 11:30 hrs
(iii) Bid Submission Start Date & Time	23.01.2023, 12:00 hrs
(iv) Start date of seeking clarification	23.01.2023, 12:00 hrs
(v) End date of seeking clarification	13/02/2023, 14:00 hrs
(vi) Bid Submission End Date & Time	13/02/2023, 15:00 hrs
(vii) Offline submission, EMD, and other supporting documents	13/02/2023, 15:00 hrs
(viii) Bid Opening Date & Time	13/02/2023, 15:30 hrs
(ix) Cost of Tender	Free of cost

Note : Contractor may inspect the Campus & assess its requirement before bidding the tender. Bidders are also advised to go through e-tendering process; which is attached as Appendix I.

Corrigendum / addendum / modification to this tender, if any, will be notified through <https://www.mstcecommerce.com>, www.idsa.in and <https://eprocure.gov.in/epublish/app> only.



Col Rajeev Agarwal (Retd)
Assistant Director (Admin)



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DEFENCE STUDIES AND ANALYSES

मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान

QUOTATION FOR MAKING OF RAIN WATER HARVESTING TANK WITH BORE
MEMORANDUM OF WORK IN BRIEF

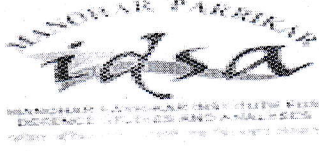
1	Name of work	Construction of rain water harvesting tank with bore
2.	Cost of Document	Free of Cost
3	Earnest Money	Rs.5000/-
4.	Validity period	30 days
7.	Publish Date & Time	23.01.2023 by 1100 hrs
8.	Submission Start Date & Time	23.01.2023 by 1130 hrs
9.	Site visit	23.01.2023 on all working day between 1100 hrs to 1530 hrs till submission end date.
10.	Tender Submission End Date	13.02.2023 by 1500 hrs.
11.	Tender Opening Date	13.02.2023 by 1530 hrs.
12.	Mode of Sending	EMD and relevant documents of In sealed cover by Speed post/Hand Delivery in the tender box kept at reception.

Signature of bidder

Name :

Company seal

Date



**MANOHAR PARRIKAR INSTITUTE FOR
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CONSTRUCTION OF RAIN WATER HARVESTING TANK WITH BORE

Quotation are invited for the work as mentioned above and scope of work and terms & Conditions of the order shall be as follows: -

- 1. Time Schedule:** The work shall be completed within 30 days from the date of award. A sum of Rs 500 per day will be charged for delay in completion of work. Director General, decision in this regard shall be final and binding.
- 2. Execution of Work:** The work shall be executed in best workman like manner, to the entire satisfaction of the Institute.
- 3. Unit Price:** Unit rates quoted for the work shall be deemed to include for all material, labour, tools and accessories, as required for proper execution of work complete in all respects. Any missing minor details which are not spelt out in the description of items but are required for proper completion of work shall be deemed to have been taken into account in the quoted rates. The rates shall also include for transportation including price escalations, contractor's overheads and profits including GST. Nothing extra shall be admissible on any such account.
- 4. Approval of Material and Workmanship:** The materials which stand rejected shall be removed from the site forthwith and replaced with approved materials at no extra cost.
- 5. Defect Liability:** The work completed shall have defect liability period of 12 months or two rainy seasons whichever is earlier from the certified date of completion. The contractor shall re-do the work, wherein defects have developed during this period under the direction of the Estate cell, at no extra cost.
- 6. Delivery of Materials/Items and Completion:** Inspection of the finished work will be carried out by the representative of MP-IDSA. The work shall be completed to the entire satisfaction of the Institute. On completion of the work, the contractor shall inform the Estate cell in writing with the date of physical completion of work for final approval for issue of completion certificate.
- 7. No material will be issued by the department. All materials for the work as per scope of work if required will be procured/arranged by the contractor at his own cost.**
- 8. Submission of quotation:** Quotation shall be signed on all pages along with this letter in token of the acceptance of terms and conditions mentioned herein-before, should be submitted in sealed covers duly marked quotation for "Construction of rain water harvesting tank with bore" addressed to Assistant Director, MP-IDSA, so as to

or before 1500 hrs on 13th Feb 2023.

9. Upon acceptance of the quote, no subletting/transfer would be allowed by the Institute.

10. **Earnest Money Deposit:** Bidders shall deposit Earnest Money Deposit (EMD) along with their bids. While submitting the bid, the vendor shall deposit Earnest Money of Rs. 5000/- by demand draft "MP-IDSA" payable at New Delhi. No other mode of remittance shall be accepted. EMD is to remain valid for a period of 90 days beyond the final bid is accepted. EMD of the unsuccessful bidders will be returned to them at the earliest latest on or before the 30th day after the award of the work. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. EMD is not required to be deposited by those Bidders who are registered MSME, etc. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. The bidders found without EMD are liable for outright rejection.

11. **Security Deposit:** After deduction of 3% of contract value, which shall be kept as performance security deposit to cover the defects liability for a period of one year from the date of completion. During this period, If any defect is found the same shall be got rectified immediately by the contractor. No extra payment will be made.

12. **Payment Terms:** Payment will be made on actual measurement basis after deduction of security amount as mentioned at para 11. Payment will be released after satisfactory completion of work. All statutory deductions like TDS, GST as applicable rules shall be made from the due payment of the bidder.

13. **Scope of work** – The scope of work for "Making of rain water harvesting tank with bore" is placed at Annexure I.

Note:-

- (i) All fitting must be covered while performing work.
- (ii) Contractor is expected to train his labour to carry out the work in peaceful manner without any disturbance to employees of the Institute.
- (iii) **Removal and disposal of waste materials and debris away from the Institute campus, is the responsibility of the contractor.**
- (v) **The contractor has to make arrangements for cleaning the work site every day and on completion of the work from the work area at his cost.**
- (vi) The contractor shall be paid on the basis of the actual quantity of completed work as per the scope of work.

14. Eligibility:

Sno	Parameter	For General Bidder	For MSME/MII registered bidder
(a)	Work Experience	03 Years	01 Years
(b)	Average Annual Turnover last 03 years	5 Lakhs	As per MSME guidelines
(c)	PAN & GST Number	Required	Required
(d)	One similar nature of work	Required	Required

Note:-

(i) Definition of similar work: Firm must be in the field of civil engineering, installation, Commissioning and repair etc.

(ii) Relaxation in Prior Turnover and prior experience Criteria for registered bidders from Micro and/ or Small Enterprises (MSEs) under Public Procurement Policy for the Micro and Small Enterprises as per (MSEs) Order, 2012 as amended from time to time will be follow.

(iii) Further in respect of splitting of work for MSEs, as project is not divisible in nature so MSEs shall be awarded 100% work (i.e entire contract) if they fall in purchase preference of L-1+15% subject to matching the L-1 price.

15. Pre-qualification sheet:-

Sno	Parameter	Page No.	Document attached (Yes/NO)
(a)	Work order		
(b)	Completion certificate		
(c)	Current Account		
(d)	PAN & GST Number		

16. **Liability to Damage:** Contractor shall be fully responsible for safety & security to his workers. Contractor has to give written undertaking that he will be fully responsible for any accident/misshaping occurred during the work & he will indemnity MP-IDSA in case of any accident.

17. **Evaluation & Award of work:** The bids will be evaluated as per the Eligibility criteria given at Clause 14 & 15 above. The bids which are found to be fulfilling the eligibility criteria shall only be considered for opening of Price-Bids. MP-IDSA may seek clarifications in the bids from the bidders during the evaluation process. The work will be awarded to the lowest responsive (L-1), evaluated bidder and Work- order will be issued to the firm. MP-IDSA may like to visit the similar completed works of the successful

bidder before considering their bid/ award of work. Substantially responsive financial bids will be checked for any arithmetic errors. Arithmetic errors are to be rectified on the basis of the standard procedure as follows: -

- a) If there is a difference between the amount of rate in figure and in words of an item, and the total amount is worked out, then the rate which corresponds to the amount worked by the bidder shall be taken as correct.
- b) If the bidder has not worked out the amount of an item, or the same does not correspond with the rates written either in figures or in words, then the rate quoted by him in words shall be taken as correct.
- c) If the rate quoted by the bidder in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
- d) If the selected bidder refuse to execute the work after award of work, his EMD will be forfeited.

18. Time of Completion and Extension for delay:

- i) The work shall be completed within 1 (One) Month from the date of receipt of work order from MP-IDSA.
- ii) Due to an event, not attributable to the contractor, causing delay, occurs or a variation order is issued, which makes it impossible to complete the work by scheduled completion date, MP-IDSA may consider extending the completion date on the specific request of the contractor.

19. Dispute Resolution.

- (a) Any dispute and or difference arising out of or relating to this contract will be resolved through joint discussion of the authorities' representatives of the concerned parties. However, if the disputes are not resolved by joint discussions, then the matter will be referred for adjudication to a sole Arbitrator appointed by the Principal Secretary / Secretary (of the Administrative Department), Government of NCT of Delhi.
- (b) The award of the sole Arbitrator shall be final and binding on all the parties. The arbitration proceeding's shall be governed by Indian Arbitration and Conciliation Act 1996 as amended from time to time.
- (c) The cost of Arbitration shall be borne by the respective parties in equal proportions. During the pendency of the arbitration proceeding and currency of contract, neither party shall be entitled to suspend the work/service to which the dispute relates on account of the arbitration and payment to the contractor shall continue to be made in terms of the contract. Arbitration proceedings will be held at Delhi/New Delhi only.

Additional Conditions

- (A) All the T& P is to be arranged by Contractor and nothing extra shall be paid on this account
- (B) The contractor shall make his own arrangement for making electric connections to equipment like drill machine etc. If any.
- (C) The Contractor shall be bound to follow the restrictions on the movement of labour, at MP-MP-IDSA campus due to security or any other reason(s). No Claim shall be entertained on this account.
- (D) The contractor shall personally responsible for violation of any guidelines and shall have to pay the fine /penalty imposed by appropriate authority. No claim on this account shall be entertained.
- (E) TDS & GST will be deducted as per applicable rules.
- (F) The contractor shall be fully responsible for safe custody of the material even if the materials are under double lock system.
- (G) Quantity can be increased or decreased depending upon the requirements.
- (H) Contractors are advised to Visit the site and condition before quoting. After opening the bids no request will be entertained with regards to site conditions, security restrictions, etc. Night stay shall not be permitted.

Director General, MP-MP-IDSA reserves the right to accept or reject the lowest or any offer or all offers without assigning any reasons thereto.

Please acknowledge.

Yours sincerely,


**Col. Rajeev Agarwal (Retd.)
Assistant Director (Admin)**

Form of Quotation
(Note: the appendix forms the part of the Quotation)

To,

**MP-MP-IDSA
No 1, Development Enclave
Rao Tularam Marg, New Delhi-110010.**

Sir,

Name of work: Making of rain water harvesting tank with bore

1. Having visited the site condition and examined the conditions of contract, specifications and schedule of quantities for the above named work, we offer to undertake and complete the whole of subject work in conformity with the said conditions of the contract and schedule of quantities of this quotation.
2. We undertake to complete and deliver the whole of the work comprised in the contract within the time limit.
3. We have independently considered the amount of liquidated damages shown in the appendix hereto and agree that it represents fair estimates of loss likely to be suffered by you in the event of the works not being completed properly.
4. Unless and until a formal agreement is prepared and executed, this quotation together with your written acceptance thereof shall constitute a binding contract between us.
5. We understand that if our quotation is accepted, we are to be jointly and severally responsible for the due performance of the contract.

Dated Day of

Signature.....In the capacity of
Duly authorized to sign for and on behalf of.....
Name and address of the tenderer.
(IN BLOCK CAPITALS)

Annexure I

Scope of Work for Making of rain water harvesting tank with bore

Sno	Description	Area (Job/ Sqm/ CUM)
(i)	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. Tank Size 2.5mtr.*2.5 mtr & 3 Mtr Depth	63 Cum
(ii)	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete incement mortar 1:6 (1 cement : 6 coarse sand) Tank Size 2.5mtr.*2.5 mtr & 3 Mtr Depth	7 Cum
(iii)	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	4 Cum
(iv)	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	30 Sqm
(v)	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.300 mm dia	50 Mtrs

(vi)	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as 100 mm nominal dia pipe	50 Mtrs
(vii)	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	4 Cum
(viii)	PVC CAP	1 No.
(ix)	Supply and laying of Geo Textile Membrane	5 Sqm
(x)	Making connection to existing water harvesting pit	1 Job

Annexure II

Financial Bid

MAKING OF RAIN WATER HARVESTING TANK WITH BORE

To be filled properly, reasonably. The rates should be filled in prescribed format Including GST.

Sno	Description	Area (Job/ Sqm/ CUM)	Rate per Job/ Sqm/ CUM) in Rs.	Total Amount (Rs)
(i)	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. Tank Size 2.5mtr.*2.5 mtr & 3 Mtr Depth	63 Cum		
(ii)	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete incement mortar 1:6 (1 cement : 6 coarse sand) Tank Size 2.5mtr.*2.5 mtr & 3 Mtr Depth	7 Cum		

(iii)	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	4 Cum		
(iv)	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	30 Sqm		
(v)	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.300 mm dia	50 Mtrs		
(vi)	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as 100 mm nominal dia pipe	50 Mtrs		

(vii)	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	4 Cum		
(viii)	PVC CAP	1 No.		
(ix)	Supply and laying of Geo Textile Membrane	5 Sqm		
(x)	Making connection to existing water harvesting pit	1 Job		
Grand Total				

Total amount in words: _____

Signature of Bidder with stamp

Note: -

1. The amount quoted should be Including GST. Conditional Tenders will be rejected.
2. The contractor shall include cost of supply & transportation of materials, labour, tools, etc. to the site.
3. If any discrepancy found in quoting the financial bid in words and figures, the higher quoted amount will be considered.
4. GST & TDS will be deducted as per rules from the quoted amount and may be catered for while quoting the rates.