

RAJKOT MUNICIPAL CORPORATION

e - Tender No.RMC/ENGG/EZ/23-24/128



Bid Documents For

CONSTRUCTION OF 5 ML CAPACITY RCC GROUND SERVICE RESERVOIR WITH MISCELLANEOUS CIVIL WORK AT NAKRAWADI LANDFILL SITE (RETENDER)

Volume-III

Price Bid

Milestone Dates for e-tendering is as under

1. Downloading of e-Tender documents	10-06-24 To 06-07-24 upto 17.00 Hrs.
2. Pre-bid Meeting	21-06-24 at 16.00 Hrs.
3. Online submission of e – Tender	06-07-24 upto 18.00 Hrs.
4. Physical submission of EMD, Tender fee and other documents required as per Financial and Experience criteria. by Regd. Post. A.D. / Speed Post ONLY	Before 09-07-24 and 18.00 Hours
5. Opening of online technical bid	10-07-24 at 11.00 Hours onwards
6. Verification of submitted documents (EMD, e - Tender fee, etc.)	10-07-24 at 11.00 Hours onwards
7. Agency to remain present in person along with original documents for verification	11-07-24 between 16.00 to 17.00 Hrs
8. Opening of Price Bid (If possible)	12-07-24 at 11.00 Hours onwards
9. Bid Validity	180 Days
For further details, pre-qualification criteria etc. visit www.rmc.nprocure.com	

2023-24

**CITY ENGINEER
RAJKOT MUNICIPAL CORPORATION
SHRI ZAVERCHAND MEGHANI BHAVAN
EAST ZONE OFFICE, BHAVNAGAR ROAD,
RAJKOT - 360003 (GUJARAT)**

PART-III
BILL OF QUANTITIES
(Attached in Separate Folder)

BID FORM(WITH PRICE)

(Bidders are required to fill up all blank spaces in this Bid Form)

CONTRACT No: RMC/ENGG/EZ/23-24/128

The Commissioner
Rajkot Municipal Corporation
Dr. Ambedkar Bhavan
Dhebar Road
Rajkot

Dear Sir,

SUB : CONSTRUCTION OF 5 ML CAPACITY RCC GROUND SERVICE RESERVOIR WITH MISCELLANEOUS CIVIL WORK AT NAKRAWADI LANDFILL SITE (RETENDER)

1. Having visited the site and examined the Bid Documents, Drawings, Conditions of Contract, Specifications, Schedules, Annexures, Preamble to Price Schedules, Price Schedules etc. including Addenda/Amendments to the above, for the execution of the above Contract, we the undersigned offer to carry out as given in Conditions of Contract and in conformity with the Drawings, Conditions of Contract, Specifications, Preamble to Price Schedules, Price Schedules, Annexures, Bidding Documents, including Addenda Nos. _____ (insert numbers) for (quoted online) %age below / above than the rates given in Price Schedule.
2. I / We agree that
 - (a) if we fail to provide required facilities to the Employer's representative or any other person/agency by the employer to perform on his behalf for carrying out the inspection and testing of materials and workmanship
or
 - (b) if we incorporate into the Works, materials before they are tested and approved by the Engineer's representative
or
 - (c) if we fail to deliver raw water of required quantity according to the conditions/stipulations of the Contract,
the Engineer-in-charge will be at liberty to take any action including termination of Contract and impose at his absolute discretion any penalties, and/or reject the work.
3. We undertake, if our Bid is accepted, to complete and deliver the Works in accordance with the Contract within **8 months** of construction period from the date of Work Order issued to us by you.

4. We agree to abide by this Bid for a period of 180 Days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
5. In the event of our Bid being accepted, we agree to enter into a formal Contract Agreement with you within 10 days incorporating the conditions of Contract thereto annexed but until such agreement is prepared this Bid together with your written acceptance thereof shall constitute a binding Contract between us.
6. We agree, if our Bid is accepted, to furnish Performance Bond/Security in the forms and of value specified in the Conditions of Contract of a sum equivalent to 5% of the Contract price for due performance of the Contract.
7. We have independently considered the amounts of liquidated damages shown in Appendix to Bid and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the Work not being completed by us in time.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated _____ this _____ day of _____ 202____.

(Signature)

Company Seal

(Name of the person)

(Name of firm)

(In the capacity of)

Duly authorised to sign Bid for and on behalf of
(Fill in block capitals)

Witness

Signature _____

Name _____

Address _____

I/We have enclosed a DEMAND DRAFT as an "**Earnest Money Deposit**", for the sum of **Rs. 77,800/-** the full value of which is to be absolutely forfeited to the Employer should I/We fail to commence the works specified. Otherwise the said sum shall be retained, by the Employer as on account of such 'Security Deposit' as provided for in the aforesaid documents.

I/We agree not to employ Sub-contractors other than those that may be approved in accordance with conditions in the aforesaid documents.

I/We understand that you are not bound to accept the lowest or any tender which you may receive.

I/We shall refer all disputes arising out of or relating to the agreement to the arbitration in accordance with conditions of contract.

I/We am/are bound to execute the job if the work order is issued within **180 Days** from the date of opening of the tender.

I/We agree to pay the Government Income-Tax, CGST, SGST and other taxes prevailing from time to time on such items on which the same are levied and the rates quoted by me/us are inclusive of the same.

Yours faithfully,

Signature of Contractor

Date: _____

Address:

**PREAMBLE TO
PRICE SCHEDULES**

PREAMBLE TO PRICE SCHEDULES

Note on Schedule:

The bid is percentage rate bid for **CONSTRUCTION OF 5 ML CAPACITY RCC GROUND SERVICE RESERVOIR WITH MISCELLANEOUS CIVIL WORK AT NAKRAWADI LANDFILL SITE (RETENDER)**

1. The whole work is to be done under the supervision of RMC.
2. Before starting the work, the details survey has to be done by the contractor and shall have to prepare and submit Survey and Level drawings in soft copy (Auto Cad) and Hard copy, and has to mark permanent levels at all necessary locations for Reference, for which, no extra payment will be made by Rajkot Municipal Corporation. After permission / approval from the engineering in charge, the work will have to be executed accordingly on site.
3. The rates and prices shall be submitted in the formats given in the enclosed Price Schedules. Rates and prices received in any other formats will be rejected and the Bids will be disqualified.
4. It will be entirely at the discretion of the Employer to accept or reject the bidder's proposal, without giving any reasons whatsoever.
5. In Price Schedule, bidder shall quote his percentage Equal/Above/Below for items listed in the schedule. Prices quoted in Schedule only will be considered for price evaluation & shall form a part of the Contract Agreement.
6. Only Price Schedule will be considered for financial evaluation of the bid with the successful bidder.
7. The bidder shall be deemed to have allowed in his price for provision, maintenance and final removal of all temporary works of whatsoever nature required for construction including temporary bunds, diverting water, pumping, dewatering, etc. for the proper execution of works. The rates shall also be deemed to include any works and setting out that may be required to be carried out for laying out of all the works involved.
8. Where there is a discrepancy between the unit rates and the amount entered, in the price schedule the latter shall govern.
9. The Price Schedules are to be read in conjunction with the Conditions of Contract, the Specifications and other sections of these bid documents and these documents are to be taken as mutually explanatory of one another.

10. Prices quoted by the bidder shall be firm for the entire period of Contract without any escalation.
11. The bidder shall interpret the data furnished and carry out any additional survey work, or investigation work required at his own cost.
12. The prices quoted shall also include the cost of materials utilized for testing.
13. The bidder should acquaint himself with the site conditions including the access to Worksite. The successful bidder shall have to make suitable access to worksites at his own cost. These accesses will be used by the other contractors working for RMC.
14. From each Running Account Bill, labour cess will be deducted as per norms.
15. The quoted rates should be inclusive of all taxes and duties.
16. The prices shall have to be quoted firm & fix including all the taxes & dutes without any statutory variation. RMC will not consider any statutory variation as well as the price rise in the market and if any, those shall be on account of contractor.
17. The work contract tax will be borne by the agency.
18. Use of ready mix concrete may be permitted if it fulfils tender specifications.
19. No extra item or extra width will be paid due to excavating method or type of machinery.
20. For any type of license regarding labour, etc. has to be achieved by agency.
21. Appendix - P mentioned in tender is a sample format. The bidder shall furnish the details of concern tender and financial terms shall be certified by Chartered Accountant.
22. In Every running bill 0.25% amount shall be retained as extra security deposit if Drawings of work done are not submitted by agency.
23. As Road Restraining is the responsibility of work contract agency, in Every running bill 0.50% amount shall be retained as extra security deposit for purpose of Corrections for road restraining in

case of settlement of surfaces of refilled trenches. These shall be released after Defect Liability Period.

24. This office Circular bearing No. RMC/C/329 dated 22-12-2012 and Order No. RMC/C/132 dated 10-06-2013 are uploaded in tender document. The Contractors quoting their rates Above/Below shall have to read, implement, and submit the same duly signed along with the will be documents to be submitted during physical submission.
25. In reference to the above Circular and Order cited at above, the Contractor firm who have quoted their rates for this work will be called in person for verification of original documents. The date and time for verification of original documents will be intimated to the Contractors.
26. The routes and levels shown in the maps are indicative and not final. There are possibilities of change in routes and levels at the time of execution of work and due to which the diameter of pipeline and depth of drainage line may increase or decrease. Under the circumstances, the contractor shall have to carry out the work accordingly at the approved rates without any extra cost. Rajkot Municipal Corporation will not entertain any dispute in this regard.
27. The contractor shall have to carry out the Sub-soil strata investigation at his own cost.
28. Flow Test shall be done in two stage:

Stage 1

Pipe line shall be laid by resting the pipe line on supports at joints. The flow test and The drains, manholes and all joints of pipes shall be made thoroughly sound and water tight and any joint which may be observed to be leaky shall be immediately corrected. Thus after satisfactory flow test sand bedding shall be fill pipe line after laying pipe line. The refilling of trench shall be carried out then after.

Stage 2

After total laying & refilling of trenches, flow test shall be carried out again for particular section of length as suggested by engineer in charge.

29. If the progress of work is found slow then Extra security Deposit may be recovered from any running bill as decided by Engineer in charge up to maximum 5% amount of concerned R.A. Bill amount.
30. Wherever the sanction from Forest and State High Way (R & B)

department is required that has to be procured and also any other sanction of any other Institute/Authority is required then contracting agency shall have to arrange itself i.e. whole liaison shall be on account of working agency. However, if required, RMC will recommend for the same wherever necessary. The expenditure incurred for this type sanctions will be reimbursed by RMC on submission of necessary documentary evidence like; Receipt, as proof.

31. Blasting may not be permitted in the areas having dense population or any other unsuitability.
32. Big machinery may not enter in the areas having narrow streets (3 to 4 Mtr. wide).
33. Kachcha houses shall not be get damaged. Considering this, manual labour work is more feasible in these types of areas.
34. No extra item or extra width will be paid due to excavating method or type of machinery.
35. The bidders are advised to visit the project area and get acquainted with the local condition as the said area is residential area with numbers of underground utility services like water supply pipe line, sullage water pipe line, gas pipeline, telephone/electric cable, KHALKuVAS etc, which requires to be maintained during the progress of work. The safety of the work is prime important factor and all the bidder should be very much vigilant for the same. Thus, there may be some locations where clear ROW or ROU may not be available due to certain reasons like TP Road open Issues, Permissions etc. If work of that much location is affected due to such reasons time limit may be extended considering that non-working period but in no case Price Escalation will be given for that extended period.
Thus, it is to be clear that to work within utility services is a part of this work. If utilities are affected, it shall be the responsibility of contractor to make same as it was as before. The expenditure and arrangement shall be bear by contractor.
36. In case of Extra Item, No "**On**" %age i.e. +ve % age Rate will be given but if there is Down %age i.e, -ve % age Rate that will be applied to that rate of that Extra Item.
37. Before procurement of Material the Quality Assurance Plan (QAP) shall be approved by RMC. QAP for approval shall be submitted in 3 Original copy duly signed and stamped by Manufacturer, TPI/PMC and Tenderer, The draft QAP has been attached herewith.

38. **Bidder has to quote their rates without GST** and including other taxes. The invoice should be submitted by contractor showing the breakup of GST in the bill. GST will be paid extra at the prevailing rate at the time of execution.

The contractor shall have to purchase the material required for this tender work, only from the supplier having registered GST Number. RMC will not be responsible to pay any amount towards GST if the material is purchased from the unregistered supplier not having GST Number.

39. The contractor shall be responsible for Railway Crossing, Highway crossing etc and the detailed design shall have to be provided by the contractor and carry out the same, for which, payment will be made as per norms.
40. The contractor shall have to obtain the approval from the concerned authorities for level crossing, Highway, Gas etc. However, Rajkot Municipal Corporation will extend its cooperation in obtaining the approval. The charges as per norms shall be paid by the agency and same will be reimbursed by Rajkot Municipal Corporation.
41. Engineering Store of Rajkot Municipal Corporation will accept the un-utilized D I Pipes 100% whereas the fittings / specials upto **10%** of the quantity actually as may be confirmed at the time of work order.
42. **Scope of Testing period:** During the testing period, agency will have to look after the maintenance and rectification of fault, if any. No extra payment will be made by RMC for this purpose.
43. Only for existing house connection, if additional pipe is to be provided over and above the 5 mt. for 15 mm connection then additional payment is to be made Acceptable (Rate of only 15 mm dia pipeline as per the rates of SOR of RMC).
44. e-Tender price:
The tender price (Pipe/specials Supply as shown in above scope of work and as per the detailed specifications + Labor work for laying jointing, testing & commissioning) shall include all materials, labor, tools and tackles, plant and machinery etc. necessary for the proper manufacture of pipes and specials and for tests at the contractor's works, for insurance and for delivery to RMC's store or site of works indicated in the project area according to dispatch schedule and for laying and testing on site etc.

The rates quoted by the contractor online in the given price bid (Pipe

/specials Supply + Labor work for laying jointing, testing & commissioning) shall cover everything necessary for the due and complete execution of the work according to the drawings and other conditions and stipulations of the contract including specifications or the evident intent and meaning of all or either of them or according to customary usage and for periodical and final inspection and test and proof of the work in every respect and for measuring, numbering or weighing the same, including setting out and laying or fixing in positions and the provision of all materials, power, tools, rammers, labour, tackle, platforms with proper lapped joints for scaffolding, ranging rods, straight edges, centering and boxing, wedges, moulds, templates, posts, straight rails, boning-staves, strutting, barriers, fencing, lighting, pumping apparatus, temporary arrangement for passage of traffic, access to premises and continuance of drainage, water supply and lighting (if interrupted by contractor's work), temporary sheds, painting, varnishing, polishing, establishments for efficient supervision and watching arrangements for the efficient supervisions of life and property and all requisite plant and machinery of every kind except only such matter and things as it may be distinctly stated herein which are to be supplied to the contractor free. A rate for any one description of work is to be held to include such items of other classes of works as are obviously necessary for its due completion and for these no separate/specific charges will be admitted. The contractor shall keep every portion of the work clear of accumulation from time to time and shall leave every portion of the work clean, clear and perfect, at the conclusion of whole work at their own cost.

45. FDR or Bank Guarantee will not be acceptable towards Tender fee and Earnest Money Deposit.
46. Rajkot Municipal Corporation will engage PMC/TPI Agency for pipe material inspection and testing at Factory and to maintain the overall work supervision and quality control of the project. The PMC/TPI agency shall be from approved list of GUDM or as decided by the competent authority of RMC. All necessary changes of PMC/TPI Agency is to be borne by the contractor. The PMC/TPI charges is 1% of the actual amount of work, which will be deducted from the bill of the agency and will paid to the PMC/TPI agency by contractor.
47. In case of damage to obstructing pipe line or other utilities is done by the agency then the rectification to the same and making it good shall have to be carried out by the agency at his own cost.
48. The contractor shall at his own cost fill up water in pipe line and given necessary flow test section

49. Autocad drawings shall have to be provided in soft copy as well as hard copy, for which, decision of engineer-in-charge will be final and binding to the agency.
51. Structure Design must be designed by Registered Structure Engineer of grade SEOR-1 (having Experience of 10 or more Years). and drawing/design/details have to be verified from consultant.
52. For the whole Civil work, Contracting agency have to submit progress report and completion certificate duly signed by Contractor's supervisor and appointed SEOR-1. Part/Final payment process will be initiated according to compliance of same by Consultant.
53. Contracting agency have to submit drawing (in 2D/3D) and measurement of actual site work in prescribed format(i.e Total station, GPS E survey) and layer wise requirement of IT Department of Rajkot Municipal Corporation.
54. Contracting agency have to submit activity plan along with chart during work order.
55. A resident Senior Engineer is supposed to be available by the Contractor at site during all working hours/days & he is fully responsible for any decision, discussion,co-ordination with consultants related to work. Conversant senior responsible resident engineer lab assistant with required labor will have to be made always available for testing work in field laboratory. Residential Engineer will be responsible for dealing discussion planning, monitoring, informing etc. work with project monitoring agency if RMC/PMC complaints for poor co-operation in this regard, action can be decided by RMC in the interest work, up to and of work
56. There should be adequate facility of Diesel Generator with necessary capacity including Auto Mode facility.
57. Appropriate temporary lab have to be set up at site with necessary equipment and apparatus for all required Test
58. Contracting agency have to captured all construction activity step by step in appropriate photography (including drone camera) definition/resolution and have to submit in hard & soft copy as instructed by Engineer-in charge
59. Contracting agency have to make necessary arrangement during Groundbreaking ceremony and inaugural of project, which may include dias function with lighting, seating, air cooling, photography

60. Contractor shall be responsible to get all the NOC's before final bill or Work Start including all the liaison work with related department / charges / expenses for erection of Batch Mix Plant, Electrical, Fire-Fighting, Lift, and any other related / required to the Safety Measures, Labour laws & Insurance etc. if needed, contractor has to get NOC's Airport Authority and pay the charges / expense, Total cost related to this shall be borne by the contractor agency.
61. Contractor has to provide well furnished site with least model 2 nos computers with Graphic card facility of HP/Dell/Lenovo/ Apple with multifunctional A3 colour/BW printer latest configurations with all necessary office stationary and 4 nos work stations (Chairs,Tables,Cupboards) etc. and well conversant operator and office having area not less than 20 Sqm. for exclusive use of RMC and consultant staff Project Team.
62. Contractor has to establish the Testing Lab at site as per norms. If required necessary test will be carried out the in Government Approved Lab(NABL) / Govt. Lab. This expense will be borne by contractor.10% of total test has to be carried out in Govt. Lab.
63. The L1 / qualifying agency to whom work is awarded should submit physical tender copy with duly signed and stamped to RMC with all addendum, circulars of RMC.
64. The Contractor should construct a labour colony at site as per labour law as directed by Engineer in charge before starting the execution work.

CITY ENGINEER
Rajkot Municipal Corporation

Signature of Contractor

Check List for submission of Documents

Tender Fee submitted as per Tender	Yes / No
Tender Earnest Money Deposit submitted as per Tender	Yes / No
Registration documents submitted as per tender requirement	Yes / No
Information regarding Capability etc. as per clause No. IT-12 (General Performance data) shall have to be submitted	Yes / No
All Appendixes shall have to be submitted physically duly filled	Yes / No
ESIC and PF Registration	Yes / No
Details of Technical Staff and details of machineries submitted	Yes / No
Address proof submitted	Yes / No
Identity proof submitted	Yes / No
Fresh Declaration on Non-Judicial Stamp Paper regarding not black listed or Terminated or Debarred, is submitted	Yes / No
Professional Tax Receipt of current year	Yes / No
Financial Details:	
Turnover details submitted as per requirement	Yes / No
Similar Works Experience Detail as per Qualification Criteria with complete Calculation with Enhancement Factor	
Working Capital as per requirement of tender is submitted	Yes / No
Valid Bank Solvency submitted	Yes / No
Validity of Bank Solvency	Date:
Bid Capacity Calculation Certified by CA with Stemp and Sign	
Experience Details:	
Details of Similar Work Done in Last seven Years with 3A Certificate Concern Department	Yes / No
Ongoing Work Details with Work order	Yes / No
Partially Completed Work Details with 3A Certificate Concern Department	Yes / No
Any other Work Completed or Partially Completed Work Details	Yes / No
Any Other Remaining Related Certificate/Document	Yes / No

Note : Over and above, the agency shall also have to submit all other necessary documents as may be required for pre-qualification, failing which, the agency will be treated as Non-responsive and will be DISQUALIFIED and also the online price bid of such agency will not be opened.

Signature of contractor with seal

SCHEDULE – A

Schedule showing a material to be supplied from Rajkot Municipal Corporation stores at free of cost for use in work contracted and to be executed

Name of Work:

CONSTRUCTION OF 5 ML CAPACITY RCC GROUND SERVICE RESERVOIR WITH MISCELLANEOUS CIVIL WORK AT NAKRAWADI LANDFILL SITE (RETENDER)

Sr.	Particulars	Qty.	Rate at which material will be charged to the contractor	Total Amount
1	NA			
			Total	
			Say	
Note No.1	The Contractor shall have to make his own arrangement for procuring the cement required for the work from open market. Cement shall be ordinary Portland cement confirming to IS 269. or IS 8112 Grade 43/53 of repute make only. No mini-plant cement shall be allowed.			
Note No.2	The person or firm submitting the tender should see that the rates in the above schedule are filled up by the Engineer-in-charge for the issue of the firm prior to submission of the tender.			
Note No.3	Material not included in "SCHEDULE – A" but required for the work shall be provided by the contractor and cost of such material shall be included in the respective tendered items by the contractor.			

Asst. Engineer
Rajkot Muni. Corporation

Dy. Executive Engineer
Rajkot Muni. Corporation

City Engineer
Rajkot Muni. Corporation

PRICE SCHEDULE

Rajkot Municipal Corporation

Price Schedule - B

Name of work:

CONSTRUCTION OF 5 ML CAPACITY RCC GROUND SERVICE RESERVOIR WITH MISCELLANEOUS CIVIL WORK AT NAKRAWADI LANDFILL SITE (RETENDER)

Sr. No.	Total Qty	Item	Rate	Per	Total
1	1.00	Preparing structural design of ROG Under Ground / Partially underground above high ground level Reservoir of required capacity 2s per relevant I.S. standards and constructing the same, including excavation in all types of soil strata (including rock) including shoring strutting if required, for loose soil / to protect from collapse, casting 100 mm thick P.C.C. levelling course in M18, Refilling the pit with proper soil and disposing of the surplus stuff at all lead. Including cement plaster in CM 1-2 with approved water proofing compound to all over inside container (i.e. walls, base, top slab/dome bottom etc all), Including all types of labour and material charges of lowering, laying, erecting / hoisting and jointing of pipe assembly to inlet, outlet overflow, washout and bypass arrangement as per hydraulic design. Providing and fixing accessories, Ci Manhole frame and cover, water level indicator, adequate cow type ventilators or lantern type ventilator with stainless steel jail ROG chambers for valves Providing and applying three coats of cement paint / snoweerm to the out side face of structure. also includes satisfactory water tightness test as per relevant I.S. code and painting name of scheme and capacity on the tank 3s per	1533459. 20	No.	1533459.20

Sr. No.	Total Qty	Item	Rate	Per	Total
		direction of engineer in charge.			
		Cost of 5,00,000 litres			
List of indian Standards for Design of GSR f SUMP:-					
The structural design of GSR shall be in accordance with provisions relevant I.S standards					
		(1) LS. 3370 part & 11 2009 or its latest revision			
		(1.4) LS. 3370 part ill & iv 1965 or Its latest revision			
		(2) 1-5. 456 = 2000 or its latest revision.			
		(3) 1-8. 1893 - 2000 --- 1984 or Its latest revisian,			
		(4) LS 675, Part—1 to 3, 1987 or Its latest revision.			
General Specifications:					
		(1) Water depth in container shall be adopted as per date of tender. Capacity shall be calculated excluding free board of the reservoir. li water depth is nol specified. the suitable water depth / acceptable to field engineer in accordance with hydraulic]			
		(2) Shape of container (in plan) speci by in data shall be adopted in absence oreviar shape shall be adopted.			
		(3) Size shall be fixed as per availability of space (land srea) at site acceptable engineer in charge.			
		(4) Effect of overiaping of pressure bulbs on soil due near by structure and proposed sump should be considered.			
		(5) Care shall be taken that no damage should occur to nearby existing structure. Compensation shall be paid for the same by agency			
		(6) The minimum concrete grade for ROC shall pe M-30.			
		(7) HYSD Fe 415 / 500 grade reinforcing bars confirming ta 1.S, 1785 1139 shall be considered in desian. CRS / TMT bars shall be provided, In saline atmosphere corrosion resistance stainless steel / HCP rebar shall be provided. Any other steel can be used with approval of 0.5. in situation of non availability in markel withoul extra cost,			
		(8) Minimum size (or thickness) of various components shall be provided as per tender criteria specifications in absence as per S Std. practice of G.W.S.3.8. Minimum dimensions spacificed for various components in tender data / specifications shall be [provided without fail.			
		{ 9) The safe bearing capacity (SSC) shall be referred from SBC test report. In absence of report it shall be referred fram data sheet. Hf poor seil is found / water table is met with during excavation SBC shell be scientifically ascertained and design shall be revise, No extra shall be paid for increase in quantity.			
		(10) DI pipes end special shall only be used if type is not specified in tender,			
		(11) The rate shall include cost of dewsterng during excavation making all arrangement when water table meets within depth,			
		(12) The structure shall be designed property to resist uclift due to ground weter table specified in data or actual ground water jable meets with during excavation, If GWT / Uplift is mentioned in tender and during excavation it dase not meet 7.5% rate shall be reduced.			
		(13) \$5 pipes railing shall be provided over sump periphery when sump height is 2 7.5 meter above ground level.			
		(14a) RGC staircase/ROC Stens should be provided from GL ta sump tep slab			

Sr. No.	Total Qty	Item	Rate	Per	Total
		based on the height of the GSR aboverbelow the ground,			
		(14.b) RCC stair case with SS railing to be provided inside reservoir container 8B Masonry stair cabin with MS safsty doar heving locking arrangement to be provided for GSR, Sump and HGLR of capacity more than 7.5 lakhs liter with top slab. If dome is constructed as top slab then provide mininum opening of 900 mm x 2000 mm with curbing and SS railing around			
		(15) App of structure should be ally good looking acceptable te authonty.			
		(18) Any change in size, shape, depth below GL, height above GL, water deoth, F.B., sizeof member etc can be permitted in exceptional case due to site condition or hydraulic design requirement by CE. No extra 'shall be paid far change.			
		(17) Any change in data, dimensions, shape, water depth, reduction in size if permitted by competent authority and if it reduces) quantity than payment shall be prorate.			
		(18) When capacity of GSR / Sump is > 20 lakh litres two or sullable compariments acceptable to execulive engineer shall be designed and provided.			
		(19) Agency shall engage qualified (at least graduate) consulting engineer for designing the structure and he / she shall visit the site for guidance of wark,			
		(20) 75% part rate shall be payable for concrete, reinforcement and olastering tems of container until salisfaciary hydraulic testing for water tightness is performed as per lender condition. Till the work shail be treated as incomplete			
		Above conditions / general specifications Sr. No. 1 to 20 are part and parcel of tender (contact) and prevail over other provisions in tender.			

Sr. No.	Total Qty	Item	Rate	Per	Total
2	3600.00	Excavation of Foundation in Hard Murrum, Soft Rock from 0.0 mtr. to 1.50 mtr depth including dewatering with lifting and laying in RMC limit as instructed	220.00	Cumt	792000.00
3	6000.00	HDPE Pipe PN-6 & PE-80 with ISI 4984 mark, Material Density is 946.4 Kg / M3, Wall thickness as per IS-4984. For 110 mm. (Weight-2.201 Kg)	625.08	Rmt	3750480.00
4	150.00	HDPE Pipe fittings PN-10 with ISI 4984 mark, Material Density is 946.4 Kg / M3. HDPE Bend 110 mm Dia.	465.50	Nos.	69825.00
5	150.00	HDPE Pipe fittings PN-10 with ISI 4984 mark, Material Density is 946.4 Kg / M3. HDPE Tee 110 mm Dia.	760.50	Nos.	114075.00
6	112.50	M.S. Plain Ended Specials (All Types) 4 mm to 40 mm thickness (50 mm Ø to 1200 mm Ø).	160.00	Kg	18000.00
7	180.00	Galva. Pipe Class-C (Heavy quality) with IS-1239 mark. Both Ends threaded with one ISI mark Coupling free with each pipe. Weight & other Properties as per IS-1239 table-5. For 25 mm Ø.	369.00	Rmt	66420.00
8	150.00	GI elbow with ISI-1239 mark for ISI marked GI for 25mm dia.	30.77	Nos.	4615.50
9	300.00	GI nipple with ISI-1239 mark for ISI marked GI pipe for 25 x 150.	50.40	Nos.	15120.00
10	100.00	GI nipple with ISI-1239 mark for ISI marked GI pipe for 100 x 300.	497.00	Nos.	49700.00
11	150.00	Gunmetal full way valve with ISI-778 mark Of any ISI mark Approved Brand. For 25 mm Ø.	833.20	Nos.	124980.00
12	150.00	Labour work for Fixing Gun Metal Valve, Gate Valve, Bib Coke, Taper Coke etc. with Jointing materials thread, safedo etc. for 25 mm dia	13.00	Nos.	1950.00

Sr. No.	Total Qty	Item	Rate	Per	Total
13	150.00	Erection of Stand Post of 1-6 cock of 25 mm to 40 mm pipe labour only (transportation extra)	299.00	Nos.	44850.00
				Total	6585474.70
			GST 18%		1185385.45
				Total	7770860.15
				Say	7,780,000.00

Addl/Asst. Engineer
R.M.C.

Dy.Ex.Engineer
R.M.C.

CITY ENGINEER
R.M.C.

I/We agree to carry out the above said work at (to be quoted online) %
Equal / above / below on the tendered rates shown in Schedule.

Signature of Contractor