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Northern Railway

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DRM Office
New Delhi

L.No. 197-S/183/CAMC-RO/C&W/DLI/17/MC-IV
Date: 18.05.2018.

M/S ICON R.O Systems
3/102-A, Lalita Park
Laxmi Nagar, Delhi-92

Sub. : Tender for "Comprehensive Annual Maintenance Contract (CAMC) of Water Purifiers and Reverse Osmosis (RO) systems of C&W depots over Delhi Division for Two years".

Ref: Tender no.197-S/183/CAMC-RO/C&WDLI/17/MC-IV opened on 28.02.18.

With reference above, your offer for the subject tender has been accepted by the competent authority on the rates offered by you (Total amounting Rs. 28,39,006.10/- Rs. Twenty Eight Lakhs Thirty Nine Thousand Six and Ten Paisa only)

1. The rates for which your offer has been accepted are detailed as under:

S. No.	Work Description	Locati on	No. of Plant s	Qty. /Uni t/Ye ar	Total Qty. for Two years	Unit	Estimated Rate (in Rs.) (Excluding GST)		Accepted Rate (Excluding GST)
							Unit rate	Total Value	
1.	CAMC of water Purifier- 200LPH (Routine service once in Three months)	SSB, MTC & ROK	4	4	32	Per Quarter	316.15	10116.80	
2.	CAMC of RO- 12LPH (Routine service once in Three months)	PNP	1	4	8	Per Quarter	1050.00	8400.00	
3.	CAMC of RO- 25LPH (Routine service once in Three months)	GZB	1	4	8	Per Quarter	2500.00	20000.00	
4.	CAMC of RO- 50LPH (Routine service once in Three months)	ANVT, MTC, GZB, TKD & SSB	12	4	96	Per Quarter	2580.74	247751.04	Below 2% of the estimated cost of work as quoted.
5	CAMC of RO- 100LPH (Routine service once in Three months)	NDLS & TKD	5	4	40	Per Quarter	5806.66	232266.40	
6	CAMC of RO- 250LPH (Routine service once in Three months)	DEE	1	4	8	Per Quarter	12000.00	96000.00	
7	CAMC of RO- 3000LPH	NDLS, DLI, NZM, DEE & ANVT	8	12	192	Per Month	516.15	99100.80	
7.1	Routine Service (Monthly) including repair charges as & when required.								

	Membrane 8' x 40' (Hydronautics or Torey) Two membrane in each will be changed annually.		2	32	Nos.	23226.65	743252.80
7.3	Filter (Two filter will be replaced monthly in each RO).		24	384	Nos.	258.07	99098.88
7.4	Activated Carbon (250 Kg in each RO will be changed annually)		250	4000	Kg.	35.10	140400.00
7.5	Mixed Media (Pebbles & Gravels), 250 kg in each RO annually		250	4000	Kg.	5.68	22720.00
7.6	Anti Sealant Chemical (0.5 Kg will be replaced daily in each RO)		182.5	2920	Kg.	258.07	753564.40
7.7	Raw Water Pump			8	Nos.	4129.18	33033.44
7.8	High pressure pump			8	Nos.	23742.79	189942.32
7.9	Dosing pump (Cap. 6 LPH)			8	Nos.	4129.18	33033.44
7.10	Multi port Valve 1.5" dia.			8	Nos.	5161.48	41291.84
7.11	Membrane Housing End Cap 8"			5	Nos.	2580.74	12903.70
7.12	Some petty repairs i.e. PVC pipes, elbow, valve, Gland or and other fittings	As & When required		13	Nos.	3613.04	46969.52
7.13	Repairing of electronic pannel/ Boards			13	Nos.	5161.48	76099.24
	Total					2896944.62	28,39,006.10

(Total value of Rs. Twenty Eight Lakhs Thirty Nine Thousand Six and Ten Paisa only) Excluding GST.

NOTE:

- i) The accepted unit rates are inclusive of all charges i.e. transportation, Labour etc. and no separate charges would be paid whatsoever.
 - ii) GST (as applicable) shall be extra.
 - iii) The amount equivalent to GST shall be released only after submission of necessary deposit receipts/challan submitted with concern department.
 - iv) 2% income tax and surcharge (as applicable) on I. Tax shall be deducted from bill and necessary I.T deduction certificate will be issued by DFM/Northern Railway/New Delhi.
 - v) No Extra payment CST/ST, Octroi or other taxes will be made to the contractor.
2. Please attend this office Within 07 days of receipt of this letter for completing the Following formalities at the earliest.

2.1 Performance Guarantee

You are required to submit a Performance guarantee (PG) within 30 (thirty) days from the date of issue of letter of acceptance (LOA) in the form of an irrevocable bank Guarantee/FDR amounting to 5% of contract value i.e. **Rs. 1,67,510/-** Only in favour of "Senior Divisional Financial Manager, Northern Railway, New Delhi" having validity for 30 Months. Extension of time for submission of PG beyond 30(thirty) days and up to 60 Days from date of issue of LOA may be given by the authority that is competent to Sign the contract agreement. However, a penal interest of 15% per annum shall be charges for the delay beyond 30(thirty) days, i.e. from 31st day after the date of issue of LOA. In case the contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re-tender for that work.

2.2

Security Deposit

Security deposit for this work @ 5% of the contract value shall be **Rs. 1,67,510/-**. The Earnest Money deposited by you with your tender for **Rs.68,370/-** shall be retained by the Railways as a part of security for the due & faithful fulfillment of the contract by the contractor. The balance to make up the security deposit, the amount of **Rs. 99,140/-** shall be recovered @10% of the bill amount till the full security deposit is recovered.

2.3

Agreement

The agreement shall be executed between your firm and the Railway Administration on Stamp paper of Rs. 100/-. The firm shall arrange 01 stamp paper of Rs.100/- and 02 Passport size photo of the contractor signing the agreement. Name and designation/Post Along with contact Name, email ID etc. should also be mentioned before signing the Contract agreement.

Until a formal agreement is prepared and executed, this letter of acceptance shall constitute a binding of contract between Railway and your Organization. All terms and conditions given in the tender document under reference above have been accepted by you and work is to be carried out as per scope/schedule of work of the tender document.

Please note that in case of failure to comply with the above mentioned instructions within the stipulated time, the earnest money deposit of **Rs. 68,370/-** shall be forfeited and the offer will be treated as cancelled without assigning any reason whatsoever and the contract will stand terminated in terms of clauses of 62 of general condition of contract.

Please start the work at the earliest after consultation with Sr. CDO/NDLS & DLI, CDO/DEE, ANVT, HNZM, ROK, PNP & MTC, AME/Fr./TKD, SSE/IC/SSB & GZB.

Please inform the name of the authorized representative along with contract number responsible for executing the subject work.

DA: Special terms and condition and scope of work.

8/18/2018
DME/Chg.
New Delhi

Copy to:-

Sr. CDO/NDLS & DLI
CDO/DEE, ANVT, HNZM, ROK, PNP & MTC
AME/Fr./TKD
SSE/IC/SSB & GZB

SPECIAL TERMS & CONDITIONS OF CONTRACT

Tender For "Comprehensive Annual Maintenance Contract (AMC) of Water Purifiers and Reverse Osmosis (RO) systems of C&W depots over Delhi division for two years".

The tenderer/contractor submitting their bids shall ensure compliance to the following.

A. EXPERIENCE ELIGIBILITY

The contractor should be manufacturer of Reverse Osmosis / shall have experience in carrying out the AMC of Reverse Osmosis systems for purification of water in Railways/ Metro/ PSUs/ Automobiles/ Airlines/ Hotels/ Hospitals/ Other Govt/ Semi Govt. agencies.

B. FINANCIAL ELIGIBILITY

1. As a proof of financial capacity for undertaking this work, the tenderer should have received total contract amount during the last 3 financial years and in the current financial year, which should be a minimum of 150% of advertised tender value.
- Necessary certificates duly attested and audited balance sheet duly certified by the Chartered Accountant, shall have to be attached with the tender.

Note:

- (i) Certificates from Private individuals for whom such works are executed / being executed shall not be accepted.
- (ii) No post tender correspondence for submission of additional documents shall be entertained after opening of the Technical & Commercial offers. Even suo-moto post tender letters of the tenders shall be treated as NULL & Vold.

A. OTHER TERMS & CONDITIONS

1. The work shall be carried out as per 'Detailed scope of work' as specified in Annexure-I. The contractor shall use his own resources required for the job.
2. The contractor will depute only his own employees. The contractor should engage only those persons who have been medically examined by the Medical Practitioner having minimum MBBS degree and their character should also have been duly verified by the police / Gazetted officer/ Notary / Sarpanch/Village Pradhan. However in case of Govt/Public Sector agency engaging staff, such certificate /character verification will be exempted. The contractor shall submit the medical fitness and character certificates of his employees, who shall carry out the said works, to concerned CDO, before taking up the job inside the complex at the beginning of the work as well as in between as and when any of his employee is replaced with new employee.
3. The contractor shall submit the BIO-DATA (Name, Father's name, Address, Age, Passport size photo & employee no. etc.) of his employees duly attested by the contractor to the concerned CDO/ADME/SSE, before taking up the job inside the complex at the beginning of the work as well as in between as and when any of his employee is replaced with new employee.
4. **Issue of Entry Permit:** Contractor should issue Identity badges (as per approved format by concerned CDO/ADME/SSE) to all his labour being engaged to carry out the Work, including the Supervisor. These identity badges should be so carried that Railway Security can identify them. The Identity cards should be worn by the contractor' labour on left side on the chest every time, during their presence on Railway Premises.



5. If any staff/worker of the contractor is found indulging in undesirable activities, the contract may be terminated.
6. The cost of damage to the railway property if incurred during the execution of work will be borne by the contractor.
7. The contractor shall be liable for the safety of his workmen during the course of contract. It is made clear that no claim/ compensation would be entertained for any type of accident/incident involving his labour. Any compensation however as required under law would be payable by the contractor.
8. The Railway may provide space for storage of materials, machines & tools etc. on free of cost. Normal single phase electricity connection shall be provided at metered cost. However in case of any loss/theft Railways shall not be responsible for these items.
9. The cleaning material or other materials, which are to be used for the work by the contractor should be biodegradable and should not harm human beings.

10. PAYMENT TERMS:

- 10.1 Subject to satisfactory working duly certified by Senior Divisional Mechanical Engineer, N.Rly, Delhi or his representative, the contractor shall be entitled to receive the value of the work against the work intended/completed during the quarter after necessary deduction or recovery, which the Railway Administration may be entitled to make under the contract or any other contract. The bill should be raised by the contractor on quarterly basis and should be submitted latest by 7th of next month that quarter.
- 10.2 Payment will be made by Sr.DFM, Northern Railway, DRM Office, New Delhi
- 10.3 All bills in four copies shall be submitted to concern CDO/depot In charge.
- 10.4 Payment will be made only after verification & certification by the concerned CDO/depot In-charge.
- 10.5 All payment in respect of the contract during the currency of the contract shall be made through Electronic Clearing System (ECS) / Electronic Fund Transfer (EFT). The successful tenderer on award of contract must submit ECS/EFT Mandate Form complete in all respect as detailed at Annexure-II of the tender document. However, if the facility of ECS/EFT is not available at a particular location, the payment shall be made by cheque. In such case the successful tenderer on award of contract will have to furnish contractor's Bank Account Number and name of the Bank against which all payments in respect of the contract during the currency of contract shall be made.
- 10.6 2% income tax and surcharge (as applicable) on I.T tax shall be deducted from bill and necessary I.T deduction certificate will be issued by DFM/Northern Railway/New Delhi.
- 10.7 GST (as applicable) shall be extra.
- 10.8 The amount equivalent to GST (as applicable) shall be released only after submission of necessary deposit receipts/challan submitted with concern department.
- 10.9 No extra payment CST/ST, Octroi or other taxes will be made to the agency.
- 10.10 The value of contract and quantities given in the attached schedule of rates and quantities are approximate and are given only as a guideline. These are subject to variations/ additions and/or omission. The quantum of the work actually carried out shall not from the basis of any dispute regarding the rates to be paid and shall not give rise to any claim for compensation on account of any increase or decrease either in the quantity or in the contract value.

10.11 Penalty for delay in completion: non attending to certain activities: In case the contractor fails to execute and complete the work within the time specified in the agreement or within the period of extension granted by Sr. DME (Delhi), a penalty will be levied except for the case where the delay is purely on the part of the Railways. In this regard the decision would be final.

11. Penalty Clause: The Railways reserves the right to deduct the penalties in case of not attending/unsatisfactory work/non-provision of material by the contractor as under: -

S.No.	Non-Conformity	Penalty
1	Non-attending to any of the activities as mentioned in the detailed scope of work within 48 hrs. of written/through phone or SMS compliant.	On expiry of 48 hrs. 500/- per day
2	Adverse remark/s on quality of water or any other deviation from the contract by any inspecting Railway official in his/her inspection note.	Rs. 1000/- in each case

12. If any compensation/penalty is to be paid by the Railway in compliance of the order/judgement passed by the court, consumer forum or any other law-enforcing agency on default of the contractor or his person/servant/employee to the complainant, the said amount shall be liable to be paid by the contractor otherwise will be deducted through bill.
13. Railways reserve the right to impose penalty/penalties for non-completion of the work to the satisfaction Railway administration or for any undesirable activities of his workmen, tarnishing the image of Railways. In the regard decision of CDOADME's will be final.
14. The cost of damages to Railway property if incurred during the execution of work will be borne by the contractor. Decision of Sr. DME in this regard will be final and binding on the contractor.
15. Railway will not be liable for any Tax liability. The liability for all taxes rests purely with the contractor.
16. The value of contract and quantities given in the attached schedule are approximate. The accepting authority shall have the discretion to vary the quantity of items as well as to vary the items in a contract in accordance with the prevalent SOP (Schedule of Power) on works matter of Northern Railways. Railways shall also have the discretion to extend the date of completion of contract with the prevalent SOP (Schedule of Power) on works matter of Northern Railways.
17. Besides specific penalty as above, Tender accepting authority reserves the right to impose penalty/penalties for non-compliance of any other conditions of the tender, on receipt of recorded complaint/s & in case any abnormalities found during inspection by Railway official/s.
18. The contractor shall also keep a representative during the execution of the work for liaison.
19. The value of contract and quantities given in the attached schedule are approximate. In case required by the Railway, repair of Water purifier / RO system (falling under this category) at any depot over Delhi Division which are not covered under this contract during the contract period shall also have to be dealt as per scope of work. The accepting authority shall have the discretion to vary the quantity of items as well as to vary the items in a contract in accordance with the prevalent SOP (Schedule of Power) on works matter of Northern Railways. Extension of contract period (DP) if required by the Railway shall also be done in accordance with the prevalent SOP (Schedule of Power) on works matter of Northern Railways.
20. In case of any contradiction between special terms & conditions of tender and general conditions, then the special terms & conditions shall prevail.


Sr. Divisional Mechanical Engineer (C&W)
Northern Railway, Delhi

DETAILED SCOPE OF WORK & SPECIFICATION

1. The agency will perform the following acts and procedure of "Comprehensive Annual Maintenance Contract (CAMC) of Water Purifiers and Reverse Osmosis (RO) systems at different C&W depots (as mentioned) over Delhi division for two years".

Item no.	Work Description	Location	No. of plants	Qty./unit/year	Total Qty. For Two Years
1	CAMC of Water Purifier - 200LPH (Routine service once in Three months)	SSB, MTC & ROK	4	4	32
2	CAMC of RO - 12LPH (Routine service once in Three months)	PNP	1	4	8
3	CAMC of RO - 25LPH (Routine service once in Three months)	GZB	1	4	8
4	CAMC of RO - 50LPH (Routine service once in Three months)	ANVT, MTC, GZB, TKD & SSB	12	4	96
5	CAMC of RO - 100LPH (Routine service once in Three months)	NDLS & TKD	5	4	40
6	CAMC of RO - 250LPH (Routine service once in Three months)	DEE	1	4	8
7	CAMC of RO - 3000LPH	NDLS, DLI, NZM, DEE, & ANVT	8		
7.1	Routine service (monthly) including repair charges As & when required			12	192
7.2	Membrane 8' x 40' (Hydronautics or Torey) Two membran in each will be changed annually			2	32
7.3	Filter (Two filter will be replaced monthly in each RO)			24	384
7.4	Activated Carbon (250 Kg in each RO will be changed annually)			250	4000
7.5	Mixed Media (Pebbles & Gravels), 250 kg in each RO annualy			250	4000
7.6	Anti Scalent Chemical (0.5 Kg will be replaced daily in each RO)			182.5	2920
7.7	Raw water Pump			As & when required	8
7.8	High Pressure pump			As & when required	8
7.9	Dosing Pump (Cap. 6 LPH)			As & when required	8
7.10	Multi port Valve 1.5" dia.			As & when required	8

NORTHERN RAILWAY

11	Membrane Housing End Cap 8"	As & when required	5
12	Some petty repairs i.e. PVC pipes, elbow, valve, Ghan dori and other fittings	As & when required	13
13	Repairing of Electronic pannel/Boards	As & when required	13

2. During CAMC for two years, the tender should ensure proper maintenance of whole RO systems and the contractor shall replace/repair the defective part as per rate decided and no extra charges shall be payable for labour/material components.
3. Contractor will be responsible to replace each component as per decided frequency/period.
4. The contractor will maintain record of replacement of components and repair/service of RO/ unit wise activities and this will be counter sign by concern depot SSE/Incharge or his representative.
5. During preparation of bill, record of components replacement service activities will be attached.
6. Contractor will depute one man power per day to look after the all unit/RO's.
7. TDS of water of each unit should be maintained 300 approx. at all time.



**Sr. Divn. Mech. Engineer/C&W
Delhi, Northern Railway**