

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
WASTE MANAGEMENT DIVISION
WASTE MANAGEMENT FACILITY, TROMBAY

Ref: WMD/WMFT/IX ETP/KK/2017/01 / OPA/140520

9th August' 2017
10

NOTICE INVITING TENDER

Sealed quotations are invited on behalf of President of India by 'Chief Superintendent, WMD, Trombay' for the following work from contractors have similar experience with different units of Department of Atomic Energy (DAE), Nuclear Power Corporation of India Ltd., Public sector undertakings etc.

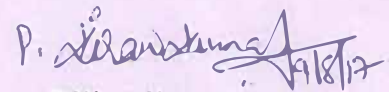
Name of work: Supply, installation, testing and commissioning of IX pumping system including design and erection of suitable civil foundation for the supplied pump at Effluent Treatment Plant, Trombay, Mumbai.

Terms & Conditions -

- a. The tenderer may contact telephonically on '022-25596716' for the scope and details of the works. Last date for entertaining such queries shall be 18.08.2017 upto 14:00 hrs, only on working days.
- b. Tenderer shall send the quotation in attached proforma and printed on letter-head with GST no. etc. and break-up of Taxes, duties, levies, other charges, if any.
- c. Sealed quotation should have Address on the envelop should read:
Kind attention:
P Kiran Kumar, Room No - 301, Waste Immobilization Plant, Waste Management Division, Bhabha Atomic Research Centre, Trombay, Mumbai-400085.
Such sealed quotation should reach above address through 'registered post/speed post' only through Indian Postal Service. **Last date for receipt of sealed quotation is 18.08.2017 upto 14:00 hrs.**
- d. The Sealed Quotations will be opened on 18.08.2017 at 14:30 hrs in Divisional office, NRG, BARC, Trombay.
- e. Chief Superintendent, WMD, Trombay, reserves the right to accept / reject any or all the quotations, without assigning any reason thereof.
- f. Quoted offer by the tenderer shall be valid for minimum 60 days from the date of opening and also the quoted price shall remain firm during the period of execution of the order.

Encl : Annex-

- : Specification; WMD/WMFT/IX ETP/KK/2017/01
- : Format proforma for quotation



(P Kiran Kumar)
SO/C,
WMD, NRG
BARC, Trombay

Annexure

WMD/WMFT/IX ETP/KK/2017/01

Name of the work: **Supply, installation, testing and commissioning of IX pumping system including design and erection of suitable civil foundation for the supplied pump at Effluent Treatment Plant, Trombay, Mumbai.**

SPECIFICATIONS & SCOPE OF WORK

The entire work shall be done as per specifications, schedule of items and as directed by the departmental engineers. The contractors have to follow all security requirements of the department. Contractor will be responsible for the safety and any other obligations in respect of his labour. The item rates include cost of materials, labour, tools etc and taxes if any.

Supply, installation, testing and commissioning of IX pumping system including design and erection of suitable civil foundation for the same pump at Effluent Treatment Plant, Trombay, Mumbai, L.S – 1 Job

The party has to carry out the work as per instructions from department Engineers and Security for execution the job. Work shall be completed within 120 days of release of the work order.

Centrifugal Pump Specifications:

Pump Type: Horizontal Centrifugal Back Pullout-End suction type

Pumping Temp. max: 29°C to 35°C

Density: 1000 kg/m³

Viscosity: 1 mPas

Flow Rate: 20 m³/Hr

Head: 100 Mts

NPSH (a): 2.6 mts

Type of Solution: pH 8-10, radioactive effluent

Pump MOC: Casing / Impeller - SS316

Shaft /Shaft sleeve – SS316

Type of Impeller: Closed

Number of Stages: Single

Suction Discharge type: Flanged end as per ANSI B 16.5, 150#

Base frame: MS-fabricated

Bearing type: Oil lubricated - SKF/FAG make

Coupling type: Flexible Spacer type

Coupling guard: Non Sparkling-360Deg

Motor: Speed of Motor-2900 rpm

Motor Rating: Max 18.5 KW

Type - Non FLP with IP 55 protection suitable for the pump.

Single Mechanical Seal - Eagle-burgmann make or equivalent

Scope of Supply: Pump, Motor with Base frame, Coupling, Coupling guard & Foundation bolts.

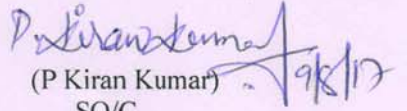
P. Kiran Kumar
19/8/17
P. Kiran Kumar
Sofc, WMD

Safety and security rules: -

a)	Police verification certificate is required for all workers and supervisor deployed at the site.
b)	Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
c)	Labors under 18 years shall not be allowed to work at site.
d)	Department shall not be responsible for any injury caused to contractor workforce due to any reason / unsafe workmanship while working at site.

Inspection and defects rectifications:-

Any defects observed or detected during inspection shall be rectified by the contractor at his own cost and in procedure acceptable to Engineer-in-charge/deptt. engineers at no extra cost.


(P Kiran Kumar)
SO/C,
WIP / WMD, NRG
BARC, Trombay

Format for quotation

SL No	Description of item of work	Quantity	Unit	Unit Price		GST				Total Amount	
				Rs.	Ps	CGST@9% Amount Rs Ps		SGST@9% Amount Rs Ps		Rs	Ps
1)	<p>Supply, installation, testing and commissioning of IX pumping system including design and erection of suitable civil foundation for the supplied pump at Effluent Treatment Plant, Trombay, Mumbai.</p> <p>The party has to carry out the work as per instructions from department Engineers and security for executing the job as indicated at site. Work shall be completed within 120 days of release of the work order.</p> <p>L.S --- 1 Job.</p>										
	Total Value (in Figures)										
	Total Value (in Words)										