

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 20:00:00
Bid Opening Date/Time	27-07-2020 20:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Contracts And Materials
Organisation Name	N/a
Office Name	Ntpc Ltd Er-i Hq Patna
Total Quantity	10
Item Category	Potable water purification system Reverse Osmosis or UV based ( <b>PAC Only</b> )
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

#### MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

**Potable Water Purification System Reverse Osmosis Or UV Based ( 10 pieces ) ( Under PAC )**

Make	aquafresh
Model	aquagrandplus

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	<b>Certification for the product</b>	NSF	NSF
	Certification number and date	10025 01.01.2018	*
	<b>Manufacturers Quality System Certifications</b>	ISO 9001:2015	ISO 9001:2015
	<b>Manufacturers Environment Management System Certifications</b>	ISO 14001:2004	ISO 14001:2004
	<b>Manufacturers Health and Safety Management System Certifications</b>	ISO 18001:2007	ISO 18001:2007
Performance Parameters	<b>Maximum Input Water TDS allowed to the system</b>	2000	2000
	<b>Type of water purification technology</b>	RO+UV+UF	RO+UV+UF
	Aavailability of sediment and activated carbon filter	Yes	*
	<b>Operation</b>	Fully automatic with auto cut off	Fully automatic with auto cut off
	<b>Ultraviolet (UV) LAMP</b>	Yes	Yes
	<b>Conformity to Standard for Ultraviolet system</b>	IS 14724 (latest) for water purification system with Ultraviolet disinfection	IS 14724 (latest) for water purification system with Ultraviolet disinfection
	"Ultra Voilet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	11	*
	<b>Recovery at 27 degree Centigrade</b>	50-60	50-60
	Output Water Conforming standard	IS 10500 (latest)	*
	<b>Filtration Capacity in liter/ hour</b>	15	15
	<b>Provision of Arsenic removal</b>	Yes	Yes
	<b>Provision of Floride</b>	Yes	Yes

	<b>removal</b>		
	<b>Provision of Chloride removal</b>	Yes	Yes
	<b>Alkaline filter</b>	Yes	Yes
	<b>Storage tank</b>	Inbuilt	Inbuilt
	<b>Type of out put water Storage Tank</b>	ABS Food Grade	ABS Food Grade
	<b>Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)</b>	10ltr	10ltr
	<b>Minimum inlet pressure</b>	0.3 KG/CM2	0.3 KG/CM2
	<b>Maximum inlet pressure</b>	3.5 KG/CM2	*
	<b>Maximum inlet temperature</b>	40 DEGREE	40 DEGREE
	<b>Digital display</b>	No	No
	<b>Real time TDS display</b>	No	No
	<b>Real time pH Display</b>	No	No
	<b>High pressure pump</b>	Yes	Yes
	<b>Raw water/Chemical Raw water/Chemical Cleaning PUMP</b>	Yes	Yes
	<b>Micron Filter</b>	Yes	Yes
	<b>Total Dissolved Solids Removal Percentage from RO Membrane</b>	90%	90%
	<b>Particulate Filter Porosity</b>	5 micron	5 micron
	<b>Pressure vessel Sand Filter</b>	Yes	Yes
	<b>Pressure vessel carbon Filter</b>	Yes	Yes
	<b>Pressure Vessel Dual Media Filter</b>	Yes	Yes
	<b>Membrane Housing</b>	Yes	Yes
	<b>Body of filter</b>	ABS Food grade	ABS Food grade
	<b>Auto cut</b>	Yes	Yes
	<b>Number of candles</b>	6 or more	6 or more
	<b>Power supply</b>	230 Volt single phase	230 Volt single phase
	<b>Installation Type</b>	Wall mounted	Wall mounted
Miscellaneous Parameters	<b>Warranty in years including replacement of filters Sediment &amp; carbon twice a year)</b>	1	1
	<b>Warranty in years free replacement of machine</b>	NA	NA
	<b>Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm</b>	Yes	Yes

<b>Availability of type test Test REPORT for Filtering Size of micron Particles</b>	Yes	Yes
TYPE Test certificate No and date for Filtering Size of micron Particles	20632 01/05/2018	*
Name and Address of laboratory which conducted Test for Filtering Size of micron Particles:	NSF(USA)	*
Availability of type Test Report on Microbial Efficacy from Govt/NABL/ilac Lab	100121	*
Type Test certificate No and date for Microbial Efficacy	TUV(1)/15623/16-17/001160 2153 01/08/2017	*
Name of the lab	TUV INDIA	*
<b>Availability of test report from Govt/NABL/ilac Lab (Design Evaluation Report as per IS:14724</b>	Yes	Yes
Test certificate No and date	TUV(1)/15623/16-17/001160 2153 01/08/2017	*
Name and Address of laboratory which conducted Test	TUV INDIA,801,RAHEJA PLAJA-1,LBS MARG,GHATKOPAR(WEST) MUMBAI	*
Availability of test report from Govt/NABL/ilac Lab regarding water quality as per IS:10500	Yes	*
Type Test certificate No and date	110003 01.01.2018	*
Name and Address of laboratory which conducted type Test regarding water quality	WQA ANSI AND SSC - NSF/ANSI-63	*
Copies of certifications and reports to be given to buyer at time of supplies	Yes	*
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
<b>Availability of toll free centers for customer support</b>	Yes	Yes
<b>Installation and Commissioning inclusive in the scope of Supply*</b>	Yes	Yes
<b>Availability of NABL Accredited Laboratory Facility with OEM</b>	No	No
Name and Address of NABL Accredited lab with OEM , If Not available put NA	NA	*
<b>Inlet Pipe &amp; Fitting from raw water sources to</b>	suitable pipe and fitting to be provided by seller up to	suitable pipe and fitting to be provided by seller up to

	<b>water purification system</b>	15 feet	15 feet
	<b>Pipe &amp; Fitting from Out let to purified water tank</b>	To be arranged by seller (upto 15ft)	To be arranged by seller (upto 15ft)
	Electrical fitting and plug points	To be arranged by buyer /consignee	*
	Scope Civil Work if any required during installation	All Civil work shall be responsibility of buyer	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Amit Kumar	825321,NTPC LIMITED Tandwa, Jharkhand - 825321	10	30

#### Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---