

PREBID MEETING DISCUSSION AND AMC DECISION DOCUMENT (Pre-bid Dated 22-02-2010)



Issued by:
The Municipal Commissioner
Ahmedabad Municipal Corporation.
Mahanagar Sewa Sadan.Danapith.
Ahmedabad-380001

(A) NAME OF WORK: Tender no: 50/2009-10 of Central Workshop

Procurement of Machineries/equipments for MSW Transfer Station and Transportation of Compacted MSW form Transfer station to Treatment/Landfill site including Operation & Maintenance of whole system at transfer station site for the period of 5 years (procurement under JnNURM)

(B) NAME OF WORK: TENDER OF SWM DEPARTMENT

SWM Department's tender for Construction of REFUSE TRANSFER STATION IN EAST ZONE, NORTH ZONE AND WEST ZONE.

QUERRIES OF PARTY	AMC DECISION
All though consortium is permitted, minimum stake holding of lead member not specified, minimum stake holding of other bidders also not specified please specify?	Not required.
Can we form SPV for execution of this project?	Yes. However all responsibilities will be of consortium members only; as mentioned in the tender.
MS sheet of 12 mm required for placement of containers. Qty should be equal to the number of containers. 1 sheet should cost approx Rs. 80,000/- Who will be supplying these?	Please refer civil work tender. It is civil contractor's scope. They will provide such plates as per AMC requirement.
Did corporation outsource the construction contracts already? If yes, kindly provide us lay out drawings.	Already tendered. Please refer our civil work tender for RTS on AMC website.
Offer shall be valid for 120 days or 180 days, please clarify the validity of offer?	Tender validity period is 180 days from date of technical bid opening.
AMC has right to terminate the contract at any time by giving 02 months notice to the contractor, this should be defined as to what all events will results in termination of the contract?	As per tender; for deficiency of services.
Shall all the three RTS works be assigned as a single composite project or Each RTS to be assigned to different contractor?	Please refer our tender documents. AMC is at liberty to assign work to more than one tender as per requirement. In case if one tenderer will become L1 for all the three RTS project, then AMC can divert work of one &/or two RTS to other than L1 of all the three RTS, depending upon the work capacity of tenderer, past work experiences of the tenderer, work requirements of AMC etc.; to L2 bidder of that RTS (if L2 agrees to work at the rate of L1 of that RTS) site otherwise to other lowest bidder of that RTS as per above. However in such case choice of location will be given to L1 tenderer. Work of all the three RTS will not assign to a single bidder. Lowest will be decided on the basis of total project cost of that RTS. (i.e. Procurement part + O & M and transportation part as mentioned below)
Price Bid format; please explain the same in a hypothetical example to fill the same without error.	Price bid evaluation will be carried out on the basis of total project cost as under. Capital cost of equipment procurement + 5

	<p>Years O & M & transportation cost (Based on 200 MT / Day basis)</p> <p>For arriving at final project cost present value formula with index factor of 5% will be applied, for O & M & transportation cost part.</p>
<p>Hook lift system should be of 25MT capacity. 20MT is less. As per our experience if it is 20MT capacity, there are chances of Main booms breaking due to overload in rainy seasons. For successful operation make it 25MT capacity. If possible manufactures should be restricted to Hyva, HIAB & Marathon. Because locally made hook lifts are not successful due to poor steel quality in India.</p>	<p>No Change. Please refer our tender Specifications. Container side thickness shall be 4 mm.</p>
<p>AMC may allow parking of its primary collection vehicles or other vehicles in transfer station campus, but AMC must ensure it shall not affect our operation. Area presently proposed for transfer station set up, itself is less, in such condition accommodation of other fleet will hamper the operation.</p>	<p>It will be taken care by AMC, so that work will not hamper.</p>
<p>As per our 4 years of experience in handling similar type of transfer station, the proposed infrastructure is too less. You are requested to increase the same.</p>	<p>No Change. Please refer our tender document. It is as per our approved project report.</p>
<p>Are collection vehicles to bring Segregated MSW or Mixed waste?</p>	<p>At Present mix waste will be brought at RTS. Without segregation.</p>
<p>What are Types, Capacity and number of Collection Vehicles that will reporting to each RTS in Three Shifts and from which zones and wards?</p>	<p>Since, we are adopting this system first time, no such data can be made available. Please visit the site personally & check it out, if required; prior participating in the tender.</p>
<p>What are other requirement of site development and what are infrastructure that AMC will provide in the area of Civil works for ramp, platform, sheds, office building etc?</p>	<p>Please refer our tender & also refer our civil work tender on AMC website.</p>
<p>Auto cad Drawing of Ahmedabad city showing Location of Proposed Transfer Stations and Area Available and the Processing and Disposal site.</p>	<p>Details of RTS locations are given in tender. Please visit the site personally & check it out; if required, prior participating in the tender.</p>
<p>Which O & M contractor has to wash the AMC / Contractor's vehicles coming at transfer station after unloading of the garbage at least</p>	<p>Please refer our tender conditions. It is self-explanatory. Also refer our civil work tender for RTS, on AMC website.</p>

once a week and which vehicles, Transfer vehicles or Dumper Placers? What are other provision to be made by us?	
On page no. 24 under Emission Norms for chassis it is mentioned that Tenderer must have to quote for chassis having EURO - III as well as EUROIV norms separately. If latest norms (EURO-IV/BS-IV) will be applicable to Ahmedabad city, tenderer must have to supply the unit mounted on EURO-IV/BS-IV chassis, otherwise it will not be accepted.	Tenderer must have to quote for chassis having EURO-III as well as EURO-IV norms separately. If latest norms (EURO-IV/BS-IV) will be applicable to Ahmedabad city, tenderer must have to supply the unit mounted on EURO-IV/BS-IV chassis, otherwise it will not be accepted; since in case if EURO IV/BC IV norms will be adopted by local RTO as per guideline / Rules; Registration of lower norms will not be possible.
How tender shall be submitted.	Only through speed post / Regd. Post A.D.
Will AMC accept weighbridge of make other than Avery?	Yes. However it shall be of standard and reputed make having services facility in Ahmedabad. Further company shall have supplied such type of electronic weighbridge in use for MSW application in any corporation etc.
Tender calls for EMD of Rs. 20 Lakhs by way of Demand Draft / Bankers Cheque. We request you to allow and accept Bank Guarantee instead of Demand Draft / Bankers Cheque for such a huge amount. Bank Guarantee is normally accepted by AMC for all forms of security and in this very tender Bank Guarantee is allowed for Security Deposit. Please review and consider.	No change. Please stick to our tender conditions.
We request you to provide us with the existing / available Hourly Waste pattern data / chart / graph for 24 hours at your Dumping Site for better understanding and for preparing an effective methodology.	Since, we are adopting this system first time, no such date can be made available. Please visit the site personally for survey & check it out, if required, prior to participating in the tender.
We request you to provide us with the details / information on approximate number of incoming vehicles (dumpers, tippers, trailers, etc.) at each transfer station (north, east, west)	Since, we are adopting this system first time, no such date can be made available. Please visit the site personally for survey & check it out, if required, prior to participating in the tender.
We request you to provide us with the details on exact distance in kilometers from the respective Zone (north, east and west) to its respective dumping site.	Details of RTS locations are given in tender. Please visit the site personally for survey & check it out, if required, prior to participating in the tender.
We request you to provide us with the details on Electricity Charges, Water Charges,	Tenderer has to find out from various respective departments / authority for better

Property Tax, other Govt. Levies, if any as applicable presently.	understanding.
We understand that the tender calls only for easy and all time availability of necessary spare / replacement components and not a "Stand by Vehicle" for preventive and breakdown maintenance of all the equipments.	Yes. All necessary parts & / or units for quick maintenance of equipments shall be kept in stock; at RTS site; so that all vehicles & equipments can be maintain in perfect working conditions, all the time.
We feel that the 5% yearly increment as offered in Tender is too less and hence request you to increase it to at least 10% yearly. Further, we request to separate the fuel cost under the O & M cost and allow fuel cost variation clause as is normally allowed by AMC in other Tenders for O & M of MSW Transportation vehicles.	No change. Please stick to our tender conditions.
120 days delivery period as offered in tender is too short for such imported, not "off the-shelf" equipments and large quantities. Hence, we request you to extend the delivery period by further 120 days i.e. in total 280 days.	No change. Please stick to our tender conditions.
We request you for 90% payment against supply of equipments and balance 10% after commissioning instead of 80% and 20% as mentioned in tender, which is AMC's standard payment Term for such high cost tenders.	No change. Please stick to our tender conditions.
As you require a big hopper to unload two vehicles at a time; it is only possible if we use wide opening hopper of 6 mtrs. Which will be having a cubic meter capacity of minimum 50cum. And to accommodate wider hopper on to a static compactor machine, we have to provide extra push pit mechanism and also the double gelatin. We would suggest for a standard hopper with simple vehicle unloading provision whereas the peak load in 4 hours time is given only 40-50 ton, which can be easily handled by the standard hopper	Standard hopper with single vehicle (Refuse compactor / Dumper placer type etc.) Unloading will be accepted. However No spillage of MSW from hopper shall be allowed.
As mentioned in page 64, "Hydraulic Container Handling System", we understand that it is the Container Locking System (Hydraulic Operated) and known as Hydraulic Clamping Claw.	Yes. However RTS compactors shall be stationary compactors only & system shall be compatible with container, HLE & SC at RTS; for proper locking & operation of container.
In case of Optional Offer of 2 container change over system, we understand that respective changes / modifications shall be carried out in	Yes, but it is optional & will not be considered in evaluation criteria.

basic Compactor machine and charges for the same shall be included in basic price of container change over system.	
We understand that the inspection of machines without painting shall be possible only for Hopper and Containers and that too in India and Hook Loader shall be inspected duly mounted on Chassis and in painted condition in India.	Yes, Tenderer has to strictly maintain all quality standards.
Will the allotment of all Zones be made to one party or to three different parties?	As motioned earlier.
Both static compactors in each transfer station shall be working continuously for all the 36 days. In case there is any breakdown of machinery, 15 days time should be given for restoring the arrangements.	For minor & major repairing 1 to 7 days time limit given in tender. Tenderer has to keep enough stand by spares / Units for quick repairing & / or replacement for uninterrupted working of RTS.
Will payment be made on actual quantity transported to landfill site or as per GVW or per MT / Km?	Payment will be made on the basis of Actual Compacted MSW transportation. In terms of MT only. However contractor has to full fill all prevailing rules of various authorities as mention in tender terms.
Please clarify whether the computers on weighbridge are to be provided by us or the corporation.	Civil contractor will provide weighbridge computers. Please refer our civil work tender on AMC website.
Please clarify whether deodorant for spraying on all vehicles will be provided by us or the corporation.	It will be provided by contractor;
Please clarify whether vehicles to be supplied should be Euro III / Euro IV. Compliant.	As mentioned earlier.
Please clarify as to who will pay the RTO Tax & Insurance for vehicles.	It will take care by AMC. However all the responsibilities for design approval & registration with RTO lies all on contractor.
Is any lease rent payable by us for the plot? If yes, please specify the amount.	- No -
You've stated that 80% payment will be made against delivery of machinery. As the machinery has to be imported. We're required to make advance payment to the manufacturer. We would like you to make advance payment of 80% against Bank Guarantee. If there is any delay in completion of civil work, the erection of machinery will also be delayed. In such case, will the balance payment of 20% be made with	No change. Please refer our tender terms.

interest?	
Please clarify the hopper size for one / two unloaded vehicles?	As mentioned earlier.
In case the three zones with machinery and O & M are allotted separately, will the EMD for each zone be separate and vary?	No. Change. EMD amount is as mentioned in tender documents.
The item of providing Grease Trap Chamber for separating solid / grease is part of the civil work which will be carried out before your internal road of transfer station will be completed. Will this be included in the civil work?	It will be taken care by civil contractor of RTS. As per design requirement.
The Mobilization Period of 120 days is too short which should be increased to a minimum of 180 days.	No. Change. Please refer our tender terms.
Tender submission due date is 9 march 2010, Request you to please extend the date at least by one week as there are implications of Budget Tax Structure.	Tender due to date is extended till 23rd March 2010. Other details are as per tender.
Please specify the minimum manpower requirements	<p>Following minimum skilled / un skilled staff / manpower Per RTS shall be provided per shift by contractor having knowledge of respective systems.</p> <ul style="list-style-type: none"> - Weighbridge operator & record keeper - 1 each (Total - 2) - Washer for vehicle washing - 2 - Sweepers / Labors for RTS cleaning - 2 - Leachate treatment plant operator - 1 - Deodorizing spraying - labor - 1 - GPS system monitoring staff - 1 - Drivers & cleaners for HLE for quick transportation & internal movement of containers. - Operators for St. Compactor - Mechanics for equipments / vehicles maintenance work. - Electrical installation related maintenance mechanic - 1 - Watchmen and internal security staff -2 each (Total - 4) - 24 x 7 basis.

	<ul style="list-style-type: none"> - Fire protection system operator. - Data record keeper - 1 - Supervisor for RTS - 1 - Manager for RTS - 1 <p>Over and above the staff requirement mentioned above O & M contractor has to engage sufficient other labors / staff for proper functioning of entire RTS as per our tender terms.</p>
<p>That due to involvement of equipment end machineries of import nature as well as the chassis part from the different manufacturer and subsequently assembling at your site, there is likely possibility of longer delivery period. Hence we request you to incorporate the mobilisation period of 6 months of each. Transfer station rather than 4 months as specified in the original tender.</p>	<p>No change. Please stick to our tender conditions.</p>
<p>That due to project is capital-intensive involving different manufacturer, we request inspection at the manufacture's site or advance or at least 50% against submission of equivalent amount of Bank Guarantee as per the standard practice adopted by Municipal Corporation of Greater Mumbai. This will help in augmenting the delivery schedule considerably and help AMC in faster commissioning of system.</p>	<p>No change. Please stick to our tender conditions.</p>
<p>That to consider the liberty with AMC of splitting the contract between one or more parties to enable AMC to get more reasonable competition, to reduce a change of failure if single party with strike, dispute and any monopoly pricing on O & M in the long run.</p>	<p>AMC is at liberty to divert the work of 3 RTS to more than 1 party. Please refer our tender documents. AMC is at liberty to assign work to more than one tender as per requirement, depending upon the work capacity of tenderer, past work experiences of the tenderer, work requirements of AMC etc..Work of all the three RTS will not be assign to a single bidder.</p>
<p>That to incorporate minimum assurance of payment on quantity on the basis of daily estimation as per the slandered practice adopted by Municipal Corporation of Greater Mumbai, Surat Municipal Corporation etc. for the same type of projects in their respective tenders to evaluate a fair pricing procure.</p>	<p>AMC will consider 50% of 200 MT (which will be considered for evaluation purpose.) which is 100 MT / day MSW transportation for guaranteed billing per RTS site.</p>

That to incorporate the procurement on the discounted Govt. Rates and to avoid third party transfer while registering which will save a substantial amount. Furthermore the equivalent amount of Bank Guarantee shall be extended by the executing parties is required.	No change. Please stick to our tender conditions.
What are the scope of civil contractor for infrastructure maintenance provided / supplied by him.	All work which will be carried out by civil contractor, including items supplied by him will be covered by one year defect liability period from the date of hand over of infrastructure to AMC. Further civil contractor is liable for maintenance of civil infrastructure till 5 years as per tender terms.

All tenderer has to supply original equipments with supporting necessary documents & certification.

Tender has to separately quote for procurement part for each RTS locations; as under and total project cost per RTS site will be evaluated as mentioned in the tender and in above clarification. Price bid evaluation will be carried out on the basis of total project cost as under.

Capital cost of equipment procurement + 5 Years O & M and transportation cost (Based on 200 MT / Day basis)

For arriving at final project cost present value formula with index factor of 5% will be applied, for O & M & transportation cost part.

S.No.	Item (As per specification given in tender form)	RTS site	Quantity (No's)	Unit Price (Rs.) Including all taxes, duties, freight, insurance etc.	Total price (Net for Central workshop, AMC delivery) Rs.
A					
1	Supply, Delivery, Testing and Commissioning of stationary compactor inclusive of hopper & chute- as per tender specifications	East Zone	2 nos.		
		North Zone	2 nos.		
		West Zone	2 nos.		

2	Supply and Delivery of containers having 20 cum volumetric capacity - as per tender specifications	East Zone	11 nos.		
		North Zone	11 nos.		
		West Zone	11 nos.		
3	Supply, Delivery, Testing and Commissioning of Hook loader equipment on truck chassis- as per tender specifications	East Zone	8 nos.		
		North Zone	9 nos.		
		West Zone	8 nos.		

RTS WISE TOTAL COST (PROCUREMENT PART)		
DETAILS	RTS	AMOUNT RS.
TOTAL COST OF A FOR RTS SITE.	East Zone	
	North Zone	
	West Zone	

RTS WISE TOTAL COST (O & M AND TRANSPORTATION PART)		
DETAILS	RTS	AMOUNT RS.
TOTAL COST OF B (Based on 200 MT MSW Transportation per day per transfer station)	East Zone	
	North Zone	
	West Zone	