

Notice Inviting Tender
for hiring of M-Sand Bags and manpower for loading, unloading and disposal
at BEML Site Office in Charkop Metro Depot.

Regional Office, Mumbai of BEML Limited, a Public-Sector Unit under Ministry of Defence invites bids for supply of 11048 nos of M-Sand bags of 30kg \pm 0.5 kg each on hiring basis and around 20 nos manpower for loading, unloading and disposal of the same as per following specifications

ITEM DETAILS: AS MENTIONED BELOW

SI No.	Item	Item Description	Qty (Nos)
1.	Sand Bags	Each bag filled with dry sand with packed weight of 30kg \pm 0.5 kg each and packed in double layered plastic bags to be supplied on rental basis for a period of 18 months, extendable as per need.	10864
2.	Manpower	Manpower to be deployed for loading the designed quantity of bags in the train, unloading & preserving the bags in the depot and disposal of the sand bags on closure of the contract against scheduled information given one day in advance.	Around 20 nos

Part – 1: Technical Bid

(A) SI No	(B) <u>Technical requirement</u>	(C) <u>Acceptance</u> (“Yes” / “No”)																																										
1	The selected agency has to arrange for complete material, sufficient manpower and transportation of men and materials to / from depot and comply with schedule of sand bags as agreed with BEML at Charkop Metro Depot and as per agreed terms and conditions.	Yes / No																																										
2	<p>The requirement is of 30kg \pm0.5 kg M-Sand in double layered plastic bags at Charkop Metro Depot of MMRDA for loading on two 6-car train set to the below mentioned maximum designed load as per the approved test protocol based on type test;</p> <table border="1"> <thead> <tr> <th>SI</th> <th>Type Testing</th> <th>Load Condition</th> <th>Max No of sand bags</th> <th>Weight / TS (Tons)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Propulsion</td> <td>AW3</td> <td>5432</td> <td>150</td> <td>In 1 train-set</td> </tr> <tr> <td>2</td> <td>Temp. rise</td> <td>AW3</td> <td>5432</td> <td>150</td> <td>In 1 train-set</td> </tr> <tr> <td>3</td> <td>Gradient test</td> <td>AW3</td> <td>5432</td> <td>150</td> <td>In 1 train-set</td> </tr> <tr> <td>4</td> <td>THD measurement</td> <td>AW3</td> <td>5432</td> <td>150</td> <td>In 1 train-set</td> </tr> <tr> <td>5</td> <td>Power factor</td> <td>AW3</td> <td>5432</td> <td>150</td> <td>In 1 train-set</td> </tr> <tr> <td>6</td> <td>Rescue Oprn</td> <td>AW3</td> <td>10864</td> <td>300</td> <td>In 2 train-sets</td> </tr> </tbody> </table> <p>However, no. of bags is indicative and final quantity of sand must meet the weight specification as detailed above and as displayed in Train Display.</p>	SI	Type Testing	Load Condition	Max No of sand bags	Weight / TS (Tons)	Remarks	1	Propulsion	AW3	5432	150	In 1 train-set	2	Temp. rise	AW3	5432	150	In 1 train-set	3	Gradient test	AW3	5432	150	In 1 train-set	4	THD measurement	AW3	5432	150	In 1 train-set	5	Power factor	AW3	5432	150	In 1 train-set	6	Rescue Oprn	AW3	10864	300	In 2 train-sets	Yes / No
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3	The agency has to provide offer for supply, loading, unloading and disposal of sand bags. If any other subsequent loading and unloading activities are required e.g. 2 nd and 3 rd activities (Optional) based on requirement of BEML / DMRC, the agency has to provide offer for the same also.	Yes / No																																										
4	The offer shall be inclusive of arrangement of material, transportation to the nominated depot, arrangement of manpower for loading and unloading, disposal after the complete testing on 6 car train-set.	Yes / No																																										
5	The agency should deliver the good quality sand duly packed by using two thick plastic bags for preparing 30kg \pm 0.5 kg M-Sand bag and should arrange and place in systematic manner after delivery at nominated depot at the allocated location. The agency must use double layer plastic sheets on floor of the train set to avoid any damage to floor due to ingress of moisture from sand. The loading / unloading of sand bags on 6 car train-set shall be carried out by deploying sufficient experienced manpower and shall be completed within 1 day on receipt of advice from BEML one day in advance.	Yes / No																																										

6	The agency has to supply calibrated weighing machine at depot to ensure 30kg ±0.5 kg weight of each sand bag prior to loading on 6 car train set and shall invariably comply with the total designed weight per car as follows;	Yes / No						
	<table border="1"> <tr> <td>DM Car</td> <td>M Car</td> <td>T Car</td> </tr> <tr> <td>25 Tons</td> <td>25 Tons</td> <td>25 Tons</td> </tr> </table>		DM Car	M Car	T Car	25 Tons	25 Tons	25 Tons
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The 6 car train set consists of 2 DM Cars, 2 M cars & 2 T Cars. Total weight of sand bags would be approximately 150 tons for 6 car train set under AW3 load condition.								
7	The agency has to keep the sand bags well tagged and safely for a minimum of 18 months duration at his risk & cost and keep all the material in good /intact condition till such time as advised by BEML. The agency shall ensure that the used sand is free from moisture and shall not emit foul smell at any point of time during storage / testing and also during storage at depot. The agency must properly cover the sand bags with tarpaulin to avoid ingress of moisture and loss of material due to rain.	Yes / No						
8	Contract validity will be for a period of 18 months from the date of issue of work order. If required the contract can be further extended for a period of 4 months on same price, terms and conditions with mutual consent.	Yes / No						
9	After completion of all type tests, the agency on receipt of intimation from BEML, shall carry out unloading of sand bags from 6 car train set and handover complete train set in neat and clean condition to depot.	Yes / No						
10	Payment terms will be as follows; a) 40% of contract value after supply of total quantity of sand bags at nominated depot and certification from BEML in-charge of depot. b) 40% of contract value after completion of 1 st unloading activity of sand bags from 6 car train set and certification from BEML in-charge of depot. c) 20% of contract value after proper train cleaning and handover to depot in good condition and on satisfactory work completion certificate issued by BEML in-charge of depot.	Yes / No						
11	The agency will take all necessary safety measures as regards to men deployed by them for above job and paying at least minimum wages to their employees as deemed fit for the above job. All medical and other statutory requirements will be met by the agency at no additional cost to BEML. Also, the personnel deployed by the agency must not indulge into any un-professional activity within the work premises.	Yes / No						
12	Security Deposit @3% of order value. Security deposit will be returned after 2 months of expiry of contract period.	Yes / No						
13	LD @ ½ % per week is applicable for delay in supply and providing services subject to maximum of 5% of supply value.	Yes / No						
14	GST applicable as per prevailing rate.	Yes / No						
15	EMD – Rs 10000/- is applicable. EMD to be submitted in form of DD in name of BEML Limited payable at Mumbai. EMD to be received before tender closing at Registered office at – 32/A, Bazar Road, Near Jain Mandir, Bandra West, Mumbai 400 050. Participants can submit the EMD online also. Bank Details are – Account no – 11037319105, IFSC Code- SBIN0001821, Bank – State Bank Of India, Branch – Maharshi Karve Road, Churchgate, Mumbai. Participants to upload the EMD, whether in DD or online receipt while participating the tender.	Yes / No						

NOTE: State 'YES' / 'NO' as applicable in column (C).

- a) Bidders not meeting the above said prequalifying criteria shall not be considered.
- b) Submission of the Technical Compliance is compulsory to qualify for the Technical Bid.
- c) Undertaking of Technical Compliance to be uploaded while participating in Tender.

**Name and Signature of authorized rep.
of Bidding firm with Seal**

Part – 2: Commercial Bid

Commercial Requirements

Name of the Firm/ Company/ Organization: M/s.
QUOTATION: AFTER GOING THROUGH & UNDERSTANDING ALL TENDER TERMS INCLUDING FOLLOWING CONDITIONS, I/WE QUOTE UNIT PRICE AS BELOW: -

S.No.	Work activity	No. of M-Sand Bags for which Material/Service Required	*Unit Price to be quoted in figures in Rs (INR)
1.	To provide M-Sand bags (30kg ±0.5 kg each) & Manpower on hire basis for loading, unloading & disposal of sand bags for First 6-Car Train-set.	5432	
2.	To provide M-Sand bags (30kg ±0.5 kg each) and Manpower on hire basis for loading, unloading & disposal of sand bags for Second 6-Car Train-set.	5432	
3.	To provide manpower on hire basis for 2 nd loading & unloading activities for one 6-Car Train-set. (Optional Activity).	5432	
4.	To provide manpower on hire basis for 3 rd loading & unloading activities for one 6-Car Train-set. (Optional Activity).	5432	

* Unit price should include the Cost towards providing required M-Sand bags (30kg ±0.5 kg each), Transportation to the nominated depot, Manpower/labour for loading, unloading & disposal of Sand Bags and Cleaning of 6-Car Train-sets post unloading).

NOTE: THE CONTRACTOR MAY QUOTE "UNIT PRICE" AS REQUIRED ABOVE WHICH WILL BE THE BASIS FOR FINALISING THE CONTRACT ON FULFILLING TENDER TERMS.

Place:

SIGNATURE OF CONTRACTOR(S)
Seal and Address

Date: