

## Bid invitation

### Information

Description: YMN/WATER  
PROOFING-TRUCK-DIV/TSC/2021/EL  
Bid invitation number: 6300035477

### Bid invitation rules

Bid invitation currency: INR  
**Timezone:** UTC+53  
**Submission period:** 04.02.2021 14:00:00  
**Tech Opening date:** 04.02.2021 14:30:00  
**Created On:** 12.01.2021 04:52:38

### Bid invitation text:

Providing water proofing with 3 mm thick Atactic poly propylene (APP) membrane for RCC roof slabs at Main Receiving Station(MRS) building, Major Assy Annex Offices and Maintenance Dept offices at Equipment division, BEML Ltd., Mysore."

Please refer to the Tender Documents for EMD, scope, terms and conditions, attached in the Collaboration Folder which can be accessed by clicking on the link 'Collaboration Bid Invitation 6300035477' below.

For ITEM DATA DETAILS, please refer Tender document attached in the collaboration Folder.

You are requested to upload only Technical Details as per the Tender Details in the Collaboration Folder and submit the commercial details in Item Data only.

Any item specific remarks / comments can be mentioned in "Bidders Remarks" column under Item Data.

Please contact our SRM Team for guidance on submission of bids in SRM system.

Phone number: (080) 22963269 / 22963141

E-mail ID : admin.srm@beml.co.in

For Technical clarification please contact our Civil maintenance dept. Phone No. 0821-2400211/375.

Attachments:

tender-document-WaterProofing

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Attachments:

GENERAL TERMS & CONDITIONS

## Bid invitation details

Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
1		Removing the old/previously applied water			2,000.000 M2

### Item long text:

Removing the old/previously applied water proof treatment completely by scrapping & disposing the spoil/debris to a distance not exc., 250m etc., complete all as specified & directed by Engineer-in-charge.

Discount on Basic	%	
Basic Price	INR	
SGST - State GST	%	
IGST - Integrated GST	%	
CGST - Central GST	%	

2		Rendering/Screeding in CM 1:4, 15mm thi			25.000 M2
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### Item long text:

Rendering/Screeding in CM 1:4, 15mm thick over brick/concrete surfaces finishing smooth including necessary scaffolding where ever necessary including curing etc., complete all as specified and directed by Engineer-in-charge

CGST - Central GST	%	
IGST - Integrated GST	%	
SGST - State GST	%	
Basic Price	INR	
Discount on Basic	%	

3		Providing & laying 5 course water proof			2,000.000 M2
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### Item long text:

Providing & laying 5 course water proof treatment by using 3mm thick heavy duty Atatic Polypropylene (APP) membrane for the flat roof/parapet wall involving works like preparing the surfaces by cleaning of all foreign matter by using wire brush etc., removing of old damaged plastering / concrete if any & making good to receive the water proofing including lapping of surfaces both horizontal & vertical surfaces all as detailed below.

(a) Applying a coat of oil based bituminous primer confirming to IS 3384-1986 at the rate of 0.70 Liters/Sq M.

b) Providing hot applied bitumen of grade 90/15 confirming to IS at the rate 1.2 Kg/Sq M for roof & parapet

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surfaces.

c) Providing 3mm thick APP membrane sheet reinforced with polyester nonwoven fabric (Weight of the membrane should not be less than 3.50 Kg/Sq M and fixed neatly on the hot applied bitumen surface for proper bonding including torching etc., Extra care to be taken for lap joints both for horizontal & vertical surfaces for proper bonding.

d) Providing hot applied bitumen of grade 90/15 confirming to IS at the rate of 1.2 Kgs/Sq M for roof & parapet surfaces as a sealing coat.

e) Providing and applying 2 coats of heat resistant Aluminium paint at the rate of 0.1 Liter/Sq M for each coat on the bitumen surface.

Note: i) Clear flat area of roof surface & vertical area of parapet surface covered with water proofing (APP) only will be considered for the purpose of measurements & laps for every joint will be deemed to be included in the quoted rate & no extra measurement will be entrained for the laps.

ii) Lap joints should be of 75mm width for horizontal & 100mm width for vertical surfaces and joints should be sealed thoroughly by proper torching.

iii) Work has to be carried out by removing vegetation etc., by properly cleaning thoroughly both the roof surfaces & parapets all as per the directions of EIC.

iv) All materials like bituminous based oil primer, bitumen of grade 90/15, APP membrane as specified vide item SI No.3 shall be from reputed manufacturers like Sika, Pedilite, Shalimar, IWL. The prior approval of BEML for sample shall be obtained before commencing the work. The necessary test certification for membrane from supplier shall be submitted.

v) In addition to the above the materials referred at SI.No.3(c) - 3mm thick APP membrane & 4(b) / 4(d)- Bitumen grade 90/15 to be got tested at reputed and authorized institution as per American Standard / IS standard as applicable during the pendency of contract & report in this regard to be submitted. The rate quoted should be deemed to include for all tests done & no claim towards testing charges would be payable by BEML Ltd, at any time.

Tests: APP membrane- Thickness, Tensile strength, Elongation, Puncture resistance, Peel off adhesion, Permeability & Bituminous content per unit area.

Tests: Bitumen of grade 90/15 - Penetration value & Softening point.

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vi) The defect liability period for this work will be 5 years from the date of completion of the work and the contractor has to attend any type of defects during the said warranty period free of cost. To this effect, the Security deposit of 10% of contract sum will be with held for 5 years and released only after the satisfactory performance. For the purpose the contractor can submit Bank guarantee equivalent to the amount specified as Security deposit.

Discount on Basic	%	
Basic Price	INR	
SGST - State GST	%	
IGST -Integrated GST	%	
CGST - Central GST	%	

4		Supplying & fixing 160mm dia PVC Pipe of			75.000 M
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#### Item long text:

Supplying & fixing 160mm dia PVC Pipe of 6kg pressure fixed in concrete/brick work including necessary fittings all as specified & directed by engineer-in-charge. Brand : Supreme/Finolex/Astral/Ashriwad.

CGST - Central GST	%	
IGST -Integrated GST	%	
SGST - State GST	%	
Basic Price	INR	
Discount on Basic	%	

5		Supply & fixing PVC SWR pipes 160 m			12 NO
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#### Item long text:

Supply & fixing PVC SWR pipes 160 mm dia Specials like long bend wherever required etc., complete. ( heavy duty) Brand : Supreme/Finolex/Astral/Ashriwad.

Discount on Basic	%	
Basic Price	INR	
SGST - State GST	%	
IGST -Integrated GST	%	
CGST - Central GST	%	

6		Supply & fixing PVC SWR pipes 160 m			12 NO
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#### Item long text:

Supply & fixing PVC SWR pipes 160 mm dia Elbow including necessary specials etc., ( heavy duty) Brand

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	Price Condition		number	performance period	
	Supreme/Finolex/Astral/Ashriwad.				
	Discount on Basic	%			
	Basic Price	INR			
	SGST - State GST	%			
	IGST -Integrated GST	%			
	CGST - Central GST	%			