

**(Two Cover System)  
KTPP ACT**

**GOVERNMENT OF KARNATAKA**

**BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE  
SUPER SPECIALITY HOSPITAL (PMSSY)  
VICTORIA HOSPITAL CAMPUS, BANGALORE-560002**

**BID DOCUMENT**

**ENQUIRY NO: BMCRI/SSH/SUP-TEND / 03 /2021-22**

**Dated: 05/08/2021**

**TENDER FOR THE METAL ROOF FOR DG AREA AND  
RENOVATION OF WATER TANKS AT BMCRI- SUPER  
SPECIALITY HOSPITAL**

**CHECK LIST**  
**DOCUMENTS TO BE ENCLOSED ALONG WITH TENDER**

(Enclose the papers in following order)

**First Cover – Techno commercial bid**

1.	Name of the tenderer			
2.	The tenderer should have an organization to provide the necessary management of service required to successfully execute the contract. The tenderer should provide complete information on the size of the company with the number, qualification, training and experience of the employees.			
3.	PAN No			
4.	GST No			
5.	GST paid Challan for the last 3 months Certificate			
6.	Work done certificate to be enclosed	W		
7.	The annual financial turnover of the Bidder of last three years not less than 50 Lakhs. Copy of last three years 2018-19, 2019-20, 2020-21 (50 Lakh)	Page No.	YES	NO
8.	PWD Civil Contractor license, should possess at least a class 2 license	Page No.	YES	NO
9.	List of places where similar nature of work is executed.	Page No.	YES	NO
10.	10 years Warranty declaration for the work that will be executed	Page No.	YES	NO
11.	Self declaration stating the firm is not black listed with any Government / Quasi Government Organizations.	Page No.	YES	NO
12.	Tender form fee of Rs 5000 favouring the Special Officer BMCRI Super Speciality Hospital	Page No.	YES	NO

Signature of the Tenderer.  
Authorized Signatory,

Name.....

Designation.....

(2 cover)

**GOVERNMENT OF KARNATAKA**  
BMCRI SUPER SPECIALITY HOSPITAL,  
VICTORIA HOSPITAL CAMPUS, BANGALORE-560002

Telephones:-080-26981928,  
Fax--- -----080-26705883

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TENDER REFERENCE No : **BMCRI/SSH/SUP-TEND/ 03/2021-22 Dated:05/08/2021**

Tenders may be uploaded from : 10/08/2021  
Last date for uploading the tenders : 13/09/2021 before 4-30 PM  
Date of opening of tenders  
(FIRST COVERS) : 15/09/2021 at 02-30 PM  
**(If , declared as general Holiday, next working day)**

TIME & DATE OF OPENING OF - Intimated later  
SECOND COVER

**ADDRESS FOR COMMUNICATION**

**SPECIAL OFFICER**  
BMCRI SUPER SPECIALITY HOSPITAL  
VICTORIA HOSPITAL CAMPUS,BANGALORE-560002

## **INVITATION FOR TENDERS (IFT)**

**IFT No. : : BMCRI/SSH/SUP-TEND/ 03/2021-22 Dated:05/08/2021**

1. The Special Officer, BMCRI Super Speciality Hospital Bangalore-560002, invites tenders from eligible tenderers for listed in the Schedule of requirements **in Two cover bid system.**
2. The tenderers may submit the item listed. **Tenderers are advised to note the Scope of work in Section III to qualify for award of the contract.**
3. Tender documents (and additional copies) may be downloaded in the e-procurement portal in the mentioned web link <https://eproc.karnataka.gov.in>
4. Tender Processing Fee are as per the e-procurement Portal.
5. Non refundable tender form fee of Rs.5000/- shall be paid in the form of DD favoring “Special officer” PMSSY Super Speciality Hospital, Payable at Bangalore. The original DD uploaded shall be submitted to Special officer BMCRI Super Speciality Hospital on or before 15/09/2021\_2.30pm. Scanned copy of DD should be uploaded in e portal.
6. Other details can be seen in the tender documents
7. And also can be viewed and downloaded from [www.bmcricssh.karnataka.gov.in](http://www.bmcricssh.karnataka.gov.in)

Special officer,  
BMC&RI Super Speciality Hospital,  
Bangalore

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## SECTION -1

### INSTRUCTIONS TO BIDDER

- A. The bidders are expected to examine all instructions, form, terms, specifications etc., in the bidding documents. Failure to furnish all information as stipulated in the bidding documents or submission of a bid not in compliance to the bidding documents will be at the bidder's risk and may result in rejection of bid.
- B. **COST OF BIDDING** - The Bidder shall bear all the costs associated with the preparation and submission of its Bid and "The Owner /Employer" will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

#### 1. AMENDMENT OF BIDDING DOCUMENTS

- 1.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason modify the Bidding Documents by amendment.
- 1.2 The amendment will be notified in e portal and will be binding on them.
- 1.3 In order to afford prospective Bidders reasonable time to take the amendment into account in preparing their bids, the Purchaser may at their own discretion, extend the deadlines for the submission of the bid.

#### 2. DOCUMENTS COMPRISING BID

The Bidder shall submit the following documents in cover -1 that is Technical bid.

- 2.1 The contractor/bidder Earnest Money Deposit (EMD) for participating is **EXEMPTED** as per **GO No. FD 675 Exp – 12/2020, Dated. 22.12.2020, However, EMD declaration** format as prescribed in Annexure – XVII, should be executed on Karnataka Government Stamp Paper of the value of Rs. 200-00 (Rupees Two Hundred only) and uploaded
- 2.2 Name and Address of Organization and their technical employees.
- 2.3 Whether proprietary / partnership/ Company / Pvt. Ltd., (supported by documents).
- 2.4 Experience in executing similar capacity work supported by documentary evidence to be enclosed (for last 2 years).

- 2.5 The contractor should give a warranty of 10 years for the work that he is executing on a Rs 200 Notarized Stamp paper.
- A. The bidder should have all tools and tackles for operation and maintenance for the said work.
  - B. The successful bidder will be responsible for all maintenance.
- 2.6 The annual turnover of last three financial years not less than 50 lakhs certified by Chartered Accountant (copies to be uploaded)
- 2.7 PAN & GST number shall be furnished.

*Price Shall Not Be Indicated Anywhere In The Technical Bid. If The Price Is Indicated Any Where In The Technical Bid, Their Bid Will Be Rejected*

### **3. PRICE BID (COVER-2)**

- 3.1 The price along with the break up details of all duties, taxes, and other levies to be mentioned. The price bid should be submitted on e-portal only as per the format provided.
- 3.2 The prices shall remain FIRM throughout the contractual period/extended period, if any.

### **4. DOCUMENTS ESTABLISHING BIDDERS ELIGIBILITY AND QUALIFICATION**

The owner will determine to its satisfaction that the Bidder has the financial, technical and man power capability necessary to perform the contract and meet the requirements of minimum qualifying criteria. An affirmative determination will be a prerequisite for award of the contract to the Bidder; the negative determination will result in rejection of the Bidder's bid.

- a. That the bidder has an organization to provide the necessary management of service required to successfully execute the contract. The bidder should provide complete information on the size of the Company with the number, qualification, training and experience of the employees. (Technical and others)
- b. The Agency should have executed single order of like nature of work tendered. The details of such order should be furnished
  - i) 3 works each costing not less than 10 lakhs OR
  - ii) 2 works each costing not less than 20 lakhs OR
  - iii) 1 work costing not less than 30 lakh

- c. Based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidders, the tender inviting authority will determine the capabilities with respect of financial technical, production and man power etc.

## **5. EARNEST MONEY DEPOSIT:**

The contractor/bidder Earnest Money Deposit (EMD) for participating is **EXEMPTED** as per **GO No. FD 675 Exp – 12/2020, Dated. 22.12.2020, However, EMD declaration** format as prescribed in Annexure – XVII, should be executed on Karnataka Government Stamp Paper of the value of Rs. 200-00 (Rupees Two Hundred only) and uploaded.

## **6. PERFORMANCE SECURITY**

Within 15 days from the date of award of contract the successful tenderer shall furnish the performance security deposit shall be 3% as per **GO No. FD 675 Exp – 12/2020, Dated. 22.12.2020** of the contract price in the form of DD as a security to the hospital along with the Contract agreement.

## **7. PERIOD OF VALIDITY OF BIDS**

- 7.1 Bids shall remain valid for 180 days from the date of Bid opening prescribed by clause. A bid expressed to be valid for a shorter period may be rejected by the owner/Employer as non-responsive.
- 7.2 In exceptional circumstances, the Owner / Employer may solicit the Bidder's consent to an extension of the period of validity. The request and the response there to shall be made in writing or by fax. Bidder may refuse the request without thereby, forfeiting their Bid Security. A bidder granting their request will not be required nor permitted to modify its bid.

## **8. PREPARATION AND SIGNING OF BID**

- 8.1 The Bidder shall prepare single stage two part Bids that is, Technical Bid and Price Bid.
- 8.2 The Bid shall be typed or written and shall be signed by the Bidder or persons duly authorized to bind the Bidder to the contract. The letter of authorization shall be indicated by written Power of attorney accompanying the Bid. All pages of the Bid, except for un-amended printed literature, shall be initiated and stamped by the person by or persons signing the Bid.



- 8.3 The Bid shall contain non interlineations, erasures or over writing except as necessary to correct errors made by the Bidder, in which case such corrections shall be initiated by the person or persons signing the Bid.

## **9. SUBMISSION OF BIDS**

Bids Shall be uploaded in the e-portal and shall be opened on the date of tender opening.

## **10. DEADLINE FOR SUBMISSION AND DATE OF OPENING OF BIDS i.e., TECHNICAL BID (UNPRICED) AND PRICE BID.**

10.1 The dead line for submission of Bids and the date of opening of Bids shall (subject as follows) be as indicated in the Tender Notice and any corrigendum thereof.

10.2 Bids must be received as specified on the date and time as mentioned in the " Tender Notice ". Bids will be opened in the presence of bidders' representative who choose to attend. In the event of due date being declared a closed holiday then the due date for submission of Bids and the opening of Bids will be the following working day at the appointed time.

## **11. LATE BIDS**

Any Bid received after the deadline for submissions of Bids prescribed, pursuant to above clause will be rejected.

## **12. OPENING OF BIDS**

12.1 The tender inviting authority will open the Technical Bid in the e portal, interested tenderers shall attend the technical bid opening. The bidders' representatives who are present shall furnish letter of authority from their firm to attend the Bid opening.

12.2 Price Bid of Bidders whose offers (Technical bid) are found technically and commercially substantially responsive will be opened on a date to be intimated later to these Bidders. All other Bids shall be deemed to have been rejected for any further consideration / evaluation.

12.3 Price Bids of Bidders whose techno - commercial Bids have been rejected shall not be opened at the price Bid opening and shall not be considered further for re-evaluation irrespective of the circumstances.

**13. AWARD OF CONTRACT**

Tender accepting authority intends to award the contract to the successful Bidder whose Bid has been determined to be substantially responsive, lowest evaluated bid, provided further that the bidder has been determined by the Tender Accepting Authority.

**14. RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS**

The Tender Accepting Authority (TAA) reserves the right to accept or reject any bid during the bidding process and reject all bids at any time prior to award of contract, without thereby, incurring any liability to the effected bidder to bidders on the grounds of the employers action, The Special Officer, BMCRI- SSH is not bound to accept the lowest or any bid.

**15. NOTIFICATION OF AWARD AND SIGNING OF CONTRACT**

Prior to the expiry of the period of Bid validity, the successful Bidder will be notified by registered post / fax that its Bid has been accepted by enclosing detailed order copy in duplicate. This will constitute the formation of the contract and date of the contract shall be the date of such notification.

## **SECTION – II GENERAL CONDITIONS OF CONTRACT**

1. Tenderers / bidders are advised to visit the Hospital sufficiently in advance before the last date fixed for submission of the tender. A Tenderer / bidder shall be deemed: to have full knowledge of all the relevant documents, site, etc., whether he inspects them or not.
2. Tenderer / Bidders or their authorized agents alone are allowed to participate in the opening of the tender.
3. All charges on account of terminal or sales tax, etc., and other duties on materials required for the purpose of executing the work shall be borne by the tenderer / bidder himself.
4. In the event of the tender / bid being accepted, the contract must be signed by the tenderer / bidder and in the case of a registered partnership firm, the tender should be signed by the managing partner or authorized signatory or in the case of company, tender should be signed by its secretary or authorized signatory.
5. The contractor shall take possession of the site and begin the work from the date as intimated by BMCRI SSH. Failure to do so will be treated as breach of contract leading to termination of agreement, forfeiture of the EMD. Further the contractor will be black listed and BMCRI Super Speciality Hospital will be free to make alternate arrangements for the work.
6. Tender documents are not transferable.
7. In the event of a dispute between BMCRI Super Speciality Hospital and the contractor, the dispute would be subject to the jurisdiction of the courts in Bangalore City.
8. The contractor / Bidder shall not assign or sublet the contract.
9. The contractor / Bidder shall carryout the work as detailed in the scope of work.
10. The Contractor /Bidder shall provide adequate trained staff under suitable trained supervision: to efficiently carryout the duties as per the agreement to the entire satisfaction of the hospital. For this purpose, it is understood that the contractor will engage sufficient number of workers.
11. The operating / supervisory staff shall possess the knowledge of rescue operation and first aid.

12. The contractor / Bidder shall provide his staff all necessary tools and equipment at his own cost.
13. In case the Contractor / bidder fails to carry out the work to the satisfaction of the BMCRI Super Speciality Hospital Engineer's In-charge and if there is any disruption in the smooth functioning of the work, the contractor shall pay to the hospital penal charges as decided by the tender inviting authority and this penal charges shall be recovered from the charges to be paid by the hospital to the contractor /bidder.
14. If the contractor/bidder fails to comply with the requirements of the schedule/contractor agreement, the hospital has right to terminate the contract with a notice and after recovery of the amounts that are due from the contractor / bidder towards the hospital.
15. Payment shall be done on monthly basis on successful completion of the maintenance work certified by the incharge.
16. **Insurance:** All the workers of the contractor working for the maintenance work at BMCRI Super Speciality Hospital shall be covered under insurance at the cost of the contractor.
17. **DURATION AND TERMINATION :**
  - a. This contract shall be effective for a period of completion of work and order will be given for the work.
  - b. The Special Officer shall be entitled to unilaterally terminate the contract granted to the contractor without assigning any reasons thereof by giving one calendar months notice.
18. The Contractor / bidder shall specify the charges both in figures and words in the bid price schedule. The charges quoted shall remain firm during the entire work period.
19. The successful bidder should handover the entire installation in proper working condition after completion of the assigned work.
20. Tenders of only those tenders who fulfill the terms and conditions of this tender will be considered for evaluation. The tenderers will undergo evaluation at every stage of processing and any tenderer found at any stage, not in conformity with the stipulated tender conditions including specification/ found to be having defective and incomplete documents will be rejected.

**SECTION: III**  
**SCOPE OF WORK**

NAME OF WORK:- METAL ROOF FOR DG AREA							
Sl. No.	Particulars	Unit	No	Measurement			Qty
				L	B	D	
1	KSRB 2.2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications. Specification No. KBS 2.1 (b) / 2.3.5 (P.6/2.4)						
		<b>Cum</b>	16	0.60	0.60	0.60	0.437
2	KSRB 4.1.3: Providing and laying in position plain cement concrete of mix M 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2 (P.13/4.3)						
		<b>Cum</b>	16	0.60	0.60	0.30	0.216
			2	18.00	19.00	0.30	27.9
							28.116
3	Construction of un-reinforced plain cement concrete pavements using M30 over a prepared base with OPC at 320 Kg/Cum and coarse aggregate 0.69cum. Fine aggregate 0.46CM confirming to IS 383-2016, with superplasticizer at 3Lts confirming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 Cum capacity and appropriate weigh batches as per approved mix design laid in approved fixed side form work (Steel Channel, laying and fixing of 125micron thick polythene film, wedges, steel paltes including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint fille, separation membrane of impermeable plastic sheet of 125micron, sealant Primer, Joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine and curing including cost of all materials, labour, hire charges of machinaries all lead & lift charges etc., complete as per specifications [P-176, I-22.6.2]						
		<b>Cum</b>	17	0.60	0.60	0.30	0.216
			2	18.0	19.0	0.30	27.9

						28.116
4	Providing and fixing vertical supports for poly carbonate sheet for tubular structure 200mm dia M.S. Hallow Pipe sl no. 284 code no 2027					
	<b>Vertical supports</b>		16	9.65		81.92
		Kgs		81.92x25.8=2113.53kg/m		2113.53
5	Fabrication & supplying & erecting M.S Angular Truss for all spans as per approved design and drawing. The entire truss is anchored suitable by using 4 Nos of M.S Anchor bolts at each support, with 10mm thick base plate and shoe plate. The work includes cutting straightening, placing in position of M.S. Angle and welding wherever necessary and applying coat of red oxide primer coat to all the members including cost of all material labour charges & hire charges of machineries for cutting, welding grinding & erection equipments, etc., complete as per specifications.					
			2	21.40	22.4	249.68
				249.68x16.50=4119.72kg/m		4119.72
6	P/ Installing of pre painted galvalume iron trapezoidal profiled sheet of approved make 1060mm wide 28-30mm crest height with crest distance of 200mm c/c with 2ribs at the centre for stiffening. The total coated thickness of the sheet will be 0.47mm= +/-0.02mm tolerance zine alu alloy coating AZ 150gms as per ASTM 1397/A 755-550MPA STEEL GRADE 5-7 microns epoxy primer on both side of the sheet and drilling self tapping screws of 25mm length to be fixed over the existing purloins raters channels and trusses.					
		<b>Sqm</b>	2	20.02	21.02	219.44
7	Providing & applying enamel metal paint in two coats (excluding priming coat) including cost of materials, labours complete as per specifications [P-123, I-15.74]					
	<b>Vertical poles</b>	<b>Sqm</b>	16	9.65	1.6	65.52
			1	12.00	12.00	219.44
					284.96	

**RENOVATION OF WATER TANK**

Sl. No.	Description of the item	Unit	No	Measurement			Qty
				L	B	D	
1	<b>Cleaning of sump</b>						
	Cleaning RCC sump tanks and RCC overhead tanks with mechanical dewatering including removal of sludge, mud, dirt, algae etc and cleaning the wall surface of tanks using high pressure jet, vacuum cleaning and spraying anti bacterial treatment to the wall and ceiling surfaces and UV treatment, including removing of sludge etc., using motor with broomstick, squeezers / wipers/ rubber brushes, coir brushes, plastic buckets, mugs, dewatering using motor with portal arrangement, hose pipe etc., complete including all safety measures.						
	Fire pump sump						156951.00
	Domestic wire pump						171898.00
		Ltr					<b>328849.00</b>
2	<b>Cover plate for sump</b>						
	Providing and fixing of MS Steel Inspection chambers cover with door locking arrangements with required MS Angel frame, MS Shutters and cost of 2 coats of enamel painting over one coat of primer etc., complete as per direction of PMC/EIC						
			2	1.00			2.00
	<b>Total</b>	<b>Piece</b>					<b>2.00</b>
3	<b>Supplying and fixing PVC Rungs</b> of size 25mm thick x 175 mm wide x 265 mm length, inside 12mm steel rod U shaped bent placed in side the concrete sump or concrete tank etc., complete as per direction of PMC/EIC.						
			8				8.00
	<b>Total</b>	<b>Each</b>					<b>8.00</b>
4	KSRB 15-3.9 : <b>Providing 18mm thick cement plaster in sigle coat with cement mortar 1:4</b> , to brick masonry including rounding off corners wherever required smooth rendering, :Proving and removing scaffolding, including costs of materials, labour, uring completer as per specifications. External plastering						
	Fire pump sump		1	33		2.5	82.50
	Domestic wire pump		1	35		2.5	87.50
	<b>Total</b>	<b>Sqm</b>					<b>170.00</b>
5	KSRB 15-16.1 : <b>Providing and finishing external walls in two coats with waterproof cement paint</b> of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do-with primer						
	Fire pump sump		1	33		2.5	82.50
	Domestic wire pump		1	35		2.5	87.50
	<b>Total</b>	<b>Sqm</b>					<b>170.00</b>

6	Providing and applying water proofing to concrete surfaces using crystalline capillary water proofing system at 1 kg per sqm for concrete surfaces (confirming to ASTM D 4060, D4541) followed by application of 2 coats of 1mm thick acrylic polymer based cementitious coating. This crystalline water proofing compound in powder form shall be mixed with water at 3:1 ratio (3 powder : 1 water) at the time of application. Methodology: The surface shall be pre damped with water. The water shall be mixed powder in the ratio of 2 powder : 1 water mixing thoroughly with a slow speed drill fitted at a speed RPM of 282640. The final crystalline slurry shall be applied with a soft brush bloom at average of 1 kg/sqm area. Curing shall be minimum of 48 hour by treating the surface by fog spray 3 to 4 time a day. Acrylic / Liquid polymer compound shall be mixed with water by means of using a slow speed drill mixer 500 RPM and gradually adding the powder component to the liquid avoiding lump formation and mixed for 2 to 4 minutes. The slurry shall be applied using stiff brush in 2 coats that forms 1mm thick. )0.5 mm thick each coat) Curing shall be minimum of 48 hour by treating the surface by fog spray 3 to 4 time a day. Protection layer such as plastering or concrete screen shall be applied on the water proof membrane surface.						
	Fire pump sump(Wall)		1	33.00		2.50	82.50
	Fire pump sump(Floor)		1	11.00	7.00		77.00
	Domestic wire pump(Wall)		1	35.00		2.50	87.50
	Domestic wire pump(Floor)		1	11.00	7.01		77.13
	Total	<b>Sqm</b>					<b>324.13</b>

OHT REPAIRS AND TERRACE AREA							
Sl. No.	Description of the item	Unit	No	Measurement			Qty
				L	B	D	
1	<b>Cleaning of Terrace area</b>						
	External sweeping and terrace cleaning - Cleaning of outer periphery like roads footpaths curb stones terrace including removing grass dust etc., to the nearest garbage pit using suitable coco nut broomstick, bombay broomstick, squeezers /wipers / rubber brushes, coir brushes, bamboo baskets, plastic buckets mugs trolley etc., complete						
	OHT floor		2	6.50	6.500		84.50
			1	10.30	12.235		126.02
	Open terrace						1320.00
	Chiller room paint						600.00
Total	<b>Sqm</b>					<b>2130.52</b>	
2	<b>Cleaning of OHT</b>						
	Cleaning RCC sump tanks and RCC overhead tanks with mechanical dewatering including removal of sludge. mud, dirt, algae etc and cleaning the wall surface of tanks using high pressure jet, vacuum cleaning and spraying anti bacterial treatment to the said and ceiling surfaces and UV treatment, including removing of sludge etc., using suitable coconut broomstick, squeezers / wipers / rubber brushes, coir brushes, plastic buckets, mugs, dewatering using motor with portal arrangement, hose pipe etc., complete including all safety measures..						



	OHT Room		1			1890
			1			2500
			1			1935.00
	Total	L				<b>6325</b>
	Qty 6325x1000=632500					<b>632500.00</b>
3	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. External plastering					
	OHT Room		1	15.79	1.80	28.43
			1	29.24	1.80	52.63
			1	24.36	1.80	43.85
	Total	Sqm				<b>125.00</b>
4	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shake to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - -do- with primer					
	OHT Room		2	26.40	3.00	158.40
			1	58.81	3.00	176.44
	Total	Sqm				<b>335.00</b>
5	Providing & applying water proofing to concrete surfaces using crystalline capillary water proofing system at t kg per sqm for concrete surfaces (confirming to ASTM D 4060. D4541] followed by application of 2 coats of 1mm thick acrylic polymer based cementitious coating. This crystalline water proofing compound in powder form shall be mixed with water at 3 : 1 ratio (3 powder: 1 water) at the time of application. Methodology: The surface shall be pre damped with water. The water shall be mixed with powder in the ratio of 3 powder: 1 water mixing thoroughly with a slow speed drill fitted at a speed RPM of 282640.The final crystalline slurry shall be applied with a soft brush bloom at average of 1 kg /sqm area. Curing shall be minimum of 48 hour by treating the surface by fog spray 3 to 4 time a day. Acrylic/ Liquid polymer compound shall be mixed with water by means of using a slow speed drill mixer 500 RPM and gradually adding the powder component to the liquid avoiding lump formation and mixed for 2 to 4 minutes. The slurry shall be applied using Stiff brush in 2 coats that forms 1mm thick. (0.5 mm thick each coat) Curing shall be minimum of 48 hour by treating the surface by fog spray 3 to 4 time a day. Protection layer such as plastering or concrete screen shall be applied on the water proof membrane surface.					
	OHT Room		2	26.40	3.00	158.40
			1	58.81	3.00	176.44
	<b>Total</b>	<b>Sqm</b>				<b>335.00</b>
6	KSRB13 -6.3-6 : Providing and fixing in position brass gate valve with C.1 wheel of approved quality (screwed end ) 50mm nominal bore including cost of all materials.labour and HO M of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6/ 13.3					
			6			6.00
	Total	Each				<b>6</b>

### **Before the Water Proofing Treatment:**

Before the water proofing treatment, the internal plaster of ceiling and walls of WC block leaving the portion for dado/skirting should be completed. Grooving / chasing for doing the concealed work of GI/CI pipes/Electrical conduits should be completed. Clean the depressed/sunken portion of WC of all debris, extra mortar sticking to the vertical and horizontal surface etc. Necessary holes for 'P' trap /Nhani trap/Water escape pipe etc should be completed.

### **Water pretreatment:**

- Dismantling of all plaster and skirting works of parapet walls from inside and top and making 20 mm thick new plaster with cement sand mortar 1:6 over it including cleaning washing, scrubbing curing all complete works and inclusive of disposal of rubbish outside the campus complete.
- Dismantling of all existing tile over the slab including stacking of serviceable materials and disposal of all unserviceable materials outside the campus. Brushing cleaning and washing the surface to remove all dust particles etc. complete work.
- Providing & Filling block rubberized joint filler in all visible cracks in parapet walls after removing existing. Treatment and cleaning with wire brush and joint should be free from dust, loose particle, oil and grease. Then filling joints with filler putty knife spatual or brook knife and it should dry for least 72 hours completely.
- P & L Integral cement base water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terrace etc. consisting of following operations.
  - a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm. Of cement with Water proof liquid water proofing admixture for cement mortar confirming to IS 2645-1975 as an integral water proofing admixture (Add 200ml of Dr.Fixit pidiproof LW for every 50kg cement in the mortar mix) over the slab including cleaning the surface before treatment. Applying and painting with CICO make trap creat water paint two coats over moist surface as per manufacturer specifications.
  - b) Laying cement concrete using broken bricks bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 cement : 5 course sand) admixed with Dr. Fixit pidiproof Liquid water proofing admixture for concrete & cement mortar confirming to IS 2645-1975 (Add 200ml of Water proof LW for every 50 kg cement in the concrete/mortar mix) over 20 mm th. Layer of cement mortar of 1:5 to the required slope and treatment similarly the adjoining walls up to 300 mm height including rounding of junctions of walls and slabs.

- c) After two days of proper curing applying 2<sup>nd</sup> coat of cement slurry admixed with Water proof Liquid water proofing admixture for concrete & cement mortar confirming to IS 2645-1975.
- d) Finishing the surface with 20 mm th. Joint less cement mortar of mix 1:4 admixed with Water proof Liquid water proofing admixture for concrete & cement mortar confirming to IS 2645-1975 and finally finishing the surface with trowel with neat cement slurry and making of 300x300 mm square.
- e) The whole slab so finished shall be flooded with water for minimum period of two weeks for curing for final test. All above operations to be done in order and as directed and specified by the Engineer in charge. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.
- f) Making batta (gola) 75 mm x 75 mm in cement concrete (1:2:4) including finishing with cement mortar (1:3) water proofing chemicals all complete work.
- g) Making khurras 450x450mm with average minimum thickness 50 mm cement 1:2:4 over PVC sheet 1.00x1.00 mtr x 40 micron finished with 12mm cement plaster 1:3 and coat of neat cement rounding edges and making and finishing the outlet complete.
- h) Plastering work: Providing and applying cement plaster with 0.75 inch cement plaster work with Water proof Liquid water proofing admixture for cement mortar confirming to IS 2645-1975 (Add 200 ml of Water proof LW for every 50kg cement in mortar mix) including all repairing work with cement plaster mix 1:6 ( 1 cement: 6 fine course aggregate).
- i) Providing and installation PVC ISI make water down pipes with all accessories and tees etc. complete work

**General Instruction to work at site:**

- All the dust particles should be carried by the bidder.
- Inform site incharge at every drilling time (noise sound)
- Providing and installation PVC/CPVC items, commode, Indian toilet pan, gratings, nani trap etc all are ISI make complete work included.
- Bidder has to quote including materials, labour charges and transport as per price bid.
- Removal of present fittings and its debris shall also be the responsibility of the contractor.

Any other that has been missed but is a part of the work should be included in the contract. The manpower deputed shall carry out the activities to the satisfaction of the authority of BMCRI-SSH.

**OTHER TERMS AND CONDITIONS:**

1. The contractor / Bidder shall provide his staff all necessary tools and equipment at his own cost.
2. The work as per manufacturer's recommendations / works requiring external expertise / spares and materials, etc., are to be executed by the agency duly obtaining approval for the works from the Institute.
3. The contractor has to co-ordinate to plan safety management well in advance .
4. The Contractor has to rectify the defects pointed out by the Incharge during their periodical inspection.

**In detail technical specifications:**

**AS PER THE SCOPE OF WORK**

## **SECTION-IV**

### **OTHER CONDITIONS OF CONTRACT**

1. It is the responsibility of the contractor to make payments for any kind of compensation to their employees in the event of accidents or any other unforeseen circumstances and the hospital will not be responsible for such acts. Necessary safety measures are to be taken by the Agency while operating or during break downs or any other unforeseen circumstances.
2. The Special Officer or any other officer authorized by the Special Officer will issue procedures to be followed by the agency which have to be carried out and complied.
3. A invoice has to be raised in the name of BMCRI Super Speciality Hospital, and it has be submitted to the office on half yearly basis. Your bills will be cleared on submission of reports.
4. Any spare replacement will be accompanied by a DC, duly signed by the officer incharge of BMCRI-SSH and whenever need arises the contractor shall submit the cost of the prices from the original supplier.

The bidder shall quote for all the above work as mentioned in Section III. The contract will be awarded to the eligible lowest bidder.

**SECTION V:**  
**TENDER FORM**

Date:.....

IFT No:-.....  
TO: (Name and address of purchaser)

Sir

Having examined the Tender Documents including Addenda Nos..... *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide service ..... *(Description of Services)* in conformity with the said tender documents in accordance with the Schedule of Prices attached herewith and made part of this tender.

We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. If our tender is accepted, we will submit a Demand draft in a sum equivalent to 10 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this tender for the Tender validity period specified in the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

(Signature) (in the capacity of )  
Duly authorized to sign Tender for and on behalf of  
Date:.....

**SELF DECLARATION**

To,

Special Officer,  
BMCRI Super Speciality Hospital,  
Victoria Hospital Campus,  
Bangalore – 02.

Tender Notification No:-----

Date-----

We

M/s. -----  
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1. The tenderer should have an organization to provide the necessary management
2. Self declaration stating the firm is not black listed with any State Government / Central Government / Quasi Government Organization.

The Tenderer failure to furnish all information as stipulated in the tender documents or submission of a tender not in compliance to the tender documents will be rejected.

## **SECTION VI:**

### **PRICE SCHEDULE (2<sup>nd</sup> cover)**

(to be uploaded on the e procurement website, should not be included in the technical bid)

## **TENDER FOR THE METAL ROOF FOR DG AREA AND RENOVATION OF WATER TANKS AT BMCRI- SUPER SPECIALITY HOSPITAL**

<b>SI No</b>	<b>Description Of Work</b>	<b>Price</b>
1	Earthwork excavation for foundation	<b>To quote per cum</b>
2	Providing and laying in position plain cement concrete	<b>To quote per cum</b>
3	Construction of un-reinforced plain cement concrete pavements using M30 over a prepared base	<b>To quote per cum</b>
4	Providing and fixing vertical supports for poly carbonate sheet for tubular structure	<b>To quote per kgs</b>
5	Fabrication & supplying & erecting M.S Angular Truss for all spans	<b>To quote per kgs</b>
6	Installing of pre painted galvalume iron trapezoidal profiled sheet	<b>To quote per sqm</b>
7	Providing & applying enamel metal paint in two coats	<b>To quote per sqm</b>
8	Cleaning of sump	<b>To quote per ltr</b>
9	Cover plate for sump	<b>To quote per piece</b>
10	Supplying and fixing PVC Rungs	<b>To quote per each</b>
11	Providing 18mm thick cement plaster in sigle coat with cement mortar	<b>To quote per sqm</b>
12	Providing and finishing external walls in two coats with waterproof cement paint	<b>To quote per sqm</b>



13	Providing and applying water proofing to concrete surfaces using crystalline capillary water proofing system at 1 kg per sqm for concrete surfaces	<b>To quote per sqm</b>
14	Cleaning of Terrace area	<b>To quote per sqm</b>
15	Cleaning of OHT	<b>To quote per ltrs</b>
16	Providing 18mm thick cement plaster in single coat with cement mortar	<b>To quote per sqm</b>
17	Providing and finishing external walls in two coats with waterproof cement paint	<b>To quote per sqm</b>
18	Providing & applying water proofing to concrete surfaces using crystalline capillary water proofing system	<b>To quote per sqm</b>
19	Providing and fixing in position brass gate valve with C.1 wheel	<b>To quote per each</b>

**Note:**

1. The bidder is strongly recommended to visit the hospital before quoting the price.
2. Price quoted for shall include all spares and the manpower for executing the work.
3. The above quotes shall include the necessary painting work as per scope of work.

**SECTION VII:**  
**EMD DECLARATION**

I, hereby submit a declaration that the tender submitted by the undersigned, on behalf of the tenderer ..... (Name of the Tenderer), shall not be withdrawn or modified during the period of validity or extended period of validity.

I, on behalf of the tenderer ..... (Name of the Tenderer), also accept the fact that in case the tender is withdrawn or modified during the period of its validity/extended validity period or if we fail to sign the contract in case the contract is awarded to us or we fail to submit a Performance Security and Additional Performance Security, if any, before the deadline fixed in the Tender Document, then .....(name of the tenderer) will be debarred for participation in the tendering process for the Procurements of this Procurement Entity for a period of one year from the date of default.

**(Signature of the Authorised Signatory,**  
**Official Seal)**