

KARNATAKA REDDY JANA SANGHA KORAMANGALA,  
BANGALORE – 34

TENDER FOR THE PROPOSED WORK OF ROAD , STORM WATER  
DRAIN & ENTRANCE WALL CLADDING FOR EXISTING HOSPITAL  
BUILDING AT MARSUR VILLAGE OF ANEKAL TALUK,  
BANGALORE SOUTH DIST

BILL OF QUANTITIES

  
General Secretary  
Karnataka Reddyjana Sangha

**KARNATAKA REDDY JANA SANGHA KORAMANGALA,  
BANGALORE – 34**

Sealed tenders are invited from class-I PWD/Reputed Contractor for the proposed work of Road, storm water drain & entrance wall cladding for existing hospital building at marsur village of Anekal taluk, Bangalore south dist

The tenderer should quote the rates which are valid till the project is completed, and no escalation in the middle of the contract period.

Name of work: Proposed work of Road, storm water drain & entrance wall  
Cladding for existing hospital building at marsur village of  
Anekal taluk, Bangalore south dist

Estimated amount:-59.00Lakhs

The tender document shall be submitted at KRJS Head office, No-I, Mahayogi Vemana Road 3<sup>rd</sup> block, Koramangala Bangalore-560034

Ravichandra (Civil Engineer) Mob:9845548618  
Gangadhar (Civil Engineer) Mob:-9945500943  
Email ID:-krjscivil.electrical@gmail.com

  
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I.	NAME OF THE CONTRACT	Proposed work of Road, storm water drain & entrance wall cladding for existing hospital building at marsur village of Anekal taluk, Bangalore south dist
2.	DATE OF ISSUE OF TENDER FORM	6-01-2022 to 10-01-2022
3.	PLACE OF ISSUE OF TENDER FORM	Karnataka Reddy Jana Sangha, 3 <sup>rd</sup> Block, Koramangala, Bangalore – 560034.
4.	COST OF TENDER DOCUMENT	Rs.1000.00
5.	EARNEST MONEY DEPOSIT	EMD of 120000/- should be submitted along with Tender documents(only in the form of DD in favor of <b>Karnataka Reddy Janasangha</b> )
6.	Last date of submission of tender	15-01-2022 at 3PM
7.	DATE OF OPENING OF TENDER	17-01-2022 at 11AM
8.	PLACE OF SUBMISSION OF TENDER	Karnataka Reddy Jana Sangha, 3 <sup>rd</sup> Block, Koramangala, Bangalore – 560034.
9.	VALIDITY OF TENDER	90 days from the date of bid opening which may be extended by mutual agreement.
10.	TYPE OF CONTRACT	Item rate contract (Measure and pay contract).
11.	PERIOD OF COMPLETION	3 Months (Including Rainy season)
12.	DEFECT LIABILITY PERIOD	1 (One) Year from the date of completion of work
13.	LIQUIDATED DAMAGES	0.5% per week to a maximum limit of 5% of the contract value.
14.	CONTACT NO FOR INFORMATION	Ravichandra(Civil Engineer) Mob:9845548618 Gangadhar(Civil Engineer) Mob:-9945500943

  
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PROJECT: PROPOSED ROAD , STORM WATER DRAIN & ENTRANCE WALL CLADDING FOR EXISTING HOSPITAL BUILDING AT MARSUR VILLAGE OF ANEKAL TALUK, BANGALORE SOUTH DIST.

SUBJECT : BILL OF QUANTITIES FOR CIVIL WORKS						
S.No.	Item No.	Description	Unit	Quantity	Rate	Amount
I	EXV -	001	EXCAVATION			
1			Grading & Levelling of existing ground to required Gradient with filling & cutting of approximate 200 mm thick Red Murrum soil by mechanical means (using JCB, poclain etc.,) and or manual, including leveling dressing / trimming the edges, with all lead and lifts, watering and compaction.			
			Roads	SQM	1,800.00	
2			Excavation in all types of soil including dense soil, for mass excavation, footings of columns, retaining walls, core walls, catch pits, lift pits, trenches for drains, etc., by mechanical means (using JCB, poclain etc.,) and or manual, including leveling dressing / trimming the edges, with all lead and lifts including back filling in layers of 300mm, watering and compaction. Rate to include disposing excess earth to designated dumping yards outside site and or spreading in layers to the required levels within the site wherever specified. Rate shall be including dewatering of both ground / Rain and surface water, with well point system and removal of slurry generated while excavation and keeping the area free of water. Including all necessary Shoring, strutting, underpinning soil, adequate protection to existing adjacent building super structures etc.			
			Drain work	CUM	200.00	
II	CON -	002	CONCRETE			
			PCC CONCRETE			

  
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3			Providing and laying P.C.C. 1:3:6 of min. 100mm / 75mm thick below footings and wherever specified using river sand/manufactured sand, 40mm and downsize aggregate including base preparation, Compaction, levelling, all leads and lifts, curing, and shuttering if necessary etc., complete.				
			Below Footing ( 75mm Thk )	Cum	15.00		
			Flagging concrete	Cum	13.00		
III	CON	003	RCC CONCRETE				
4			Providing and laying Ready mix cement concrete conforming to specified grade (IS 456-2000) at the levels given below using river sand/manufactured sand with 20mm and down graded aggregate of granite basalt or trap, as per specification <u>including the cost of form work</u> at all levels and places wherever needed and compacting (but excluding steel reinforcement) with vibrators curing and hacking the exposed surface to receive the plaster wherever necessary etc., complete as per drawing and specifications of the following items.				
			The rates shall include the cost of necessary admixtures approved by consultant to get required workability & strength (conplast SP430 SRV from Fosroc or equivalent).				
			The column beam junctions shall be with the grade of concrete as in column up to a distance of depth of beam in all directions & rate shall be inclusive of this.				
			Bottom Slab (100mm Thk) - M20 Grade	Cum	16.00		
			Drain Wall (150 Thk) - M20 Grade	Cum	20.00		
			Drain Wall (100 Thk) - M20 Grade	Cum	14.00		
			Drain perforated Cover slab - M20 Grade	Cum	13.00		
IV	STL	004	REINFORCEMENT STEEL				

  
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5			Providing T.M.T bars Fe-500 steel reinforcement for R.C.C work including straightening, cutting, bending hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials,labour, hom of machinery complete as per specifications.	MT	20.00		
V	CLD	005	WALL CLADDING				
6			Providing marble slab of 18mm thick with edges of slab machine cut, for WALL CLADDING fixed to a wall using cement mortar 1:3, mix, to line and level, jointed with cement slurry curing, rubbing, polishing complete finishling with flush pointing using white cement, including cost of materials, HOM of machineries, labour, curing, complete as per specifications.(Basic Rate-Rs:400/- Sq.ft)				
			walls	Sqm	57.00		
			columns	Sqm	53.00		
VI	SSL	006	STRUCTURAL STEEL				
7			Providing and fixing of M.S.Gratings on Drain side walls using M.S flats, or M.S square rods, or combination of M.S flats and square rods as per approved design, drawing wieghing not more than 8 Kgs/Sq.mt including cutting steel sections and welding the same to required pattern with a coat of red lead primer & two coats of enamel paint as approved by client, cost of materials, fixtures, labour and HOM complete as per specifications.				
				Sqm	2.25		
VII	SBS	007	ROAD WORK				
			SUB BASES				

  
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8			Construction of Granular Sub base (Wet Mix Macadam) by providing, laying, spreading and compacting of coarse graded material of grading 1 (minimum CBR value of 30%), spreading in uniform layers with motor grader on prepared surface, and compacting with vibratory roller 8-10 tonne to achieve the desired density of 98% including protection of edges of GSB layer, cost of all materials, labour, hire charges of machinery, lighting, guarding, barricading, maintenance of diversion road, loading and unloading, all leads and lifts etc. complete as per drawing and as per the directions of the Engineer in Charge.( 200mm Thk)				
			Below Concrete Road	Cum	360.00		
VIII	CCR-	008	CONCRETE PAVEMENT				
9			Constructing Reinforced, plain cement concrete for pavements using Grade concrete M25 over a prepared base with pure OPC cement, coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including Groove cutting charges for every 2000mm C/C both ways , joint filler, separation membrane of impermeable plastic sheet of 125 micron, 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 machineries, all lead & lift charges etc., complete	Cum	270.00		

  
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			as per specifications. with- with OPC at 300 kg/cum conforming to IS:12089, coarse aggregate 0.69cum, fine aggregate 0.46cum.				
IX	KBS-	009	Kerb Stones				
10			Providing and fixing Pre cast solid concrete Kerb Stones of make Shobha / Super Tiles / Equivalent and finished with CM 1:3 pointing and finishing cutting etc., complete.- of size 600 x 300 x150 mm	Rmt	240.00		
					Grand Total		

  
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