

**Notice Inviting Tender**

Sealed Item-rate tender are invited by the President, Nav Sansad Vihar CGHS Ltd from specialized firms for the below noted work, which should reach the Society Office on or before 15/03/2024 at 03.30 PM and shall be opened on the same day at 04.00 PM, estimated cost Rs. 731330.00 and nill tender cost.

**Schedule of work**

**Subject : Repair and water proofing work of Expansion joint at Nav Sansad Vihar CGHS Ltd. Plot No. 4 Sector 22 New Delhi 110077**

Sl. No.	Item Description	Unit	Qty.	Rate	Amount
	<b>Expansion Joint Treatment</b>				
1	Earth work in surface excavating soil from planters, soft soil areas and exposing the expansion joint gap on mother slab not exceeding 400 mm in depth but exceeding 1.5 mtr. in width as well as 10 sq. mtr. on plan including getting out and deposal of excavated earth up to 50 mtr and lift upto 5 mtr for all kind of soil	sq.mtr	216.00		
2	Dismantling of old damaged existing joint treatment from expansion joint gap using mechanical means or manually and preparing the joint for fresh expansion joint treatment complete with repairing the edges of joint using high strength micro concrete (M-45 +) grade strength.	RMT	54.00		
3	<b>Expansion Joint treatment (Up to 50mm only):-</b> Cleaning the edges of expansion joint well using hair brush and hard wire brush. Providing and inserting oversized bituflex flexible rod into joint and thus making bedding for pouring sealant material. Once the backer rod is fixed Providing and Pouring gun grade Polyurethane sealant up to top of joint gap of (Fosroc/Pidilite/Mccooy) make for making the joint water tight.	RMT	54.00		
4	Cleaning of surface using hard wire brush, hair brush and other mechanical means and providing and applying three coats of Dr. fixit Fast flex two component cementitious waterproofing compound at a width of 2*2 mtr, across the expansion joint adopting the following methodology. (a) Applying first coat of Fast flex and allowing it to dry for 4-6 hours. (b) After drying fixing fiber mesh. (c) Applying two further coats of Fast flex using brush/roller.	SQFT	2160.00		
5	PCC providing and laying M-15 (1 Cement : 2 Sand : 4 Aggregate) Grade concrete over water proofing with an average thickness of 60mm.	SQFT	2160.00		
6	Refilling of excavated soil including dressing & leveling after the treatment to its original shape.	SQ MTR.	216.00		

B	<b>Repair Work under Expansion Joint from Basement</b>				
1	Dismantaling of loose concrete/Plaster by Chipping from the slab and beams and making the gravels visible and removing all the mortar thus making surface ready for re-plastering complete etc.	SQ MTR.	200.00		
2	Providing and applying anti corrosive treatment to the exposed rusted steel bars cleaning the surface with steel brush, and removing all the rusted portion & applying zinc rich epoxy primer to stop further corrosion of steel bars. (Measurment will be done only for steel portion).	SQFT	250.00		
3	Removing the damaged reinforcement bars and replacing them with new steel bars including Providing, Laying and fixing in position Thermo mechanically Treated Reinforcement (TMT) / High yield strength Deformed (HYSD) bars of all size & grades Fe500D in all reinforced concrete work as per IS 1786, for all profiles including, decoiling straightening, cutting, bending, hoisting, laying in position to the shape and profile required up to all heights and levels as directed and as per the site and binding with 18 gauge MS annealed steel wire etc.	KG	200.00		
4	Providing epoxy bond chemical to enhance the bonding capacity of the substrate to the parent substrate and to create a barrier against the migration of sulphates into the new concrete. The bonding agent shall be carefully applied in thin layer covering at all corners and depressions. The bonding agent shall remain sticky till the dual shrinkage compensated high strength micro concrete is poured.	SQFT	1600.00		
5	Plastering mixed with microconcrete Providing and Laying 15mm-20mm thick protection plaster of 1cement :4 coarse Sand ad mixed with high strength microconcrete (M-50 +) grade.	SQFT	1600.00		
6	White washing of complete area with two coats of distemper in approved shade after applying one or more coats of Birla white putty.	SQFT	2450.00		
	<b>TOTAL</b>				
	<b>GST / IGST @18%</b>				
	<b>Grand Total</b>				

<b>Terms &amp; Conditions</b>	
1	The work should be carried out with due deligence and to the satisfaction of the engineer / authorized representative of the Society.
2	The contractor will arrange all tools and plants before the start of work and no T&P whatsoever shall be provided by
3	The Contractor will bring the materials in sealed container and of approved makes only.

4	The contractor will finish the work within 2 month from the date of award of work.
5	The GST will be paid extra and mandatory TDS will be deducted at source as per applicable rates.
6	The contractor will use only soft water for the works and will be provided by the Society, electricity will also be provided by the Society & scaffolding (if required.) without any charges.
7	If any portion of bad workmanship is pointed by the authorized representative, shall be made good by the contractor within his own cost.
8	The work will be carried on all days except Sunday's.
9	The dismantled material (if any) shall be the property of the Society.
10	The payment shall be made on prorata basis and after the measurement of the work only & 10% mobilization advance shall be admissible.
11	The Contractor is bound to maintain cleanliness around the works to be carried out by him and will cover all the loose earth with proper green joot cover.
12	In case of any untoward incident happens during the execution of work the contractor shall be held responsible and bear all legal and treatment expenses on this account.
13	The Contractor will give 10 years guarantee / warranty for the work done on duly notarize Stamp paper.
14	The intending bidder will deposit earnest money Rs. 7500.00 (Rs. Seven thousand five hundred only) with the
15	The performance guarantee / bank guarantee @5% of total cost will be deducted which shall be released after the completion of one year after the date of handing over of the works.
16	The Contractor will maintain site order book, hindrance register, and joint measurement register at site.

**Approved Makes**

Cement	Ultratech	Bangar	ACC	JK Cement
Sand	Silt free jamuna sand only			
Bajri	Good quality and approved by the Society.			
Expansion joint sealant	Fosrec	Pidilite	Imperial Impex	
TMT Steel (IS 1786 FE500D)	Tata	Jindal	Sail	Mesco
	Kamdhenu			
Distemper	Narolac	Berger	Dulux	
Putty	Birla	JK	Asian	