

MUNICIPAL CORPORATION BHILAI					
REPAIR & REHABILITATION OF MAIN OFFICE BUILDING					
NIT					
SL NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
1	Concrete Repair & Protection mortar Carefully breaking & removing 25 - 50 mm avg thickness damaged / corroded R.C.C. Columns, beam, slabs, chajjas, paradis, etc taking all safety precautions, & erecting in position the necessary scaffolding, cleaning, including disposal & cating away of the debris, up to all leads & lifts as will be permissible under Rules etc .Comprising of following operations.	SQM	100.00		
2	Reinforcement treatment coat Chip off the loose & hollow cover concrete to expose the sound concrete substrate. Clean the rebars by means of mechanical abrasion to get rid of rust scale deposits & laitance etc. complete. Applying rust treatment compound of STP Rust Remover which effectively cleans the rust off steel surfaces . Clean the steel with water after 30 minutes.	SQM	100.00		
3	Zinc Rich Primer Apply one coat of Zinc Rich Primer -Metallic zinc base anti-corrosive primer for exposed steel reinforcementcoating/Rebarring old iron bar .	SQM	100.00		
4	Bond coat Pre-wetted substrate / apply one coat of cementitious bond coat, URP : cement (1:1) by proportion to exposed concrete surface.	SQM	100.00		
5	Structural grade prepacked cement mortar Restore the cover concrete of R.C.C. structural members in two layers, by applying 12mm to 50mm thick polymer mortar for columns beams & slabs using pre-packed Fiber-reinforced structural repair mortar of STP limited Shallfix FRM 40 Requiring only water addition prior to use (W/P ratio of 0.18) & directly to be applied on sticky exposed concrete surface . It attains a compressive strength of 15-20 N/mm ² in 1 day & an ultimate strength of 40 N/mm ² at 28 days confirming to ASTM C 109 cured for 5 days	M3	5.00		
6	Providing and making 6 mm thick plaster mix	SQM	250.00		
7	Wall painting with premium acrylic emulsion (plastic) paint of required to any even shade Shade	SQM	3650.00		


Ass. Engineer

Municipal Corporation Bhilai


Sub Engineer

Municipal Corporation Bhilai