

SOS CHILDREN'S VILLAGES NEPAL

PROJECT: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

SUMMARY OF COST			
S. N.	PARTICULARS	AMOUNT (NPR)	REMARKS
1.0	MAJOR REPAIR MAINTENANCE WORKS AT SOS CV KAVRE		
2.0	MAJOR REPAIR MAINTENANCE WORKS AT SOS CV JORPATI		
	TOTAL		
	ADD VAT @13%		
	GRAND TOTAL INCLUDING 13%VAT		

SOS CHILDREN'S VILLAGES NEPAL

PROJECT: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

SUMMARY OF COST FOR SOS CV KAVRE

S. N.	PARTICULARS	AMOUNT (NPR)	REMARKS
1.0	<u>PRELIMINARY WORKS</u>		
2.0	REPAIR MAINTENANCE WORKS OF <u>ROAD</u>		
3.0	REPAIR MAINTENANCE WORKS OF <u>DRAIN AT FOOTBALL GROUND</u>		
4.0	REPAIR MAINTENANCE WORKS OF <u>BOUNDARY WALL</u>		
5.0	REPAIR MAINTENANCE WORKS OF <u>DAMAGE DUE TO SETTLEMENT</u>		
	TOTAL		

SOS CHILDREN'S VILLAGES NEPAL

PROJECT: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

SUMMARY OF COST FOR SOS CV JORPATI

S. N.	PARTICULARS	AMOUNT (NPR)	REMARKS
1.0	<u>PRELIMINARY WORKS</u>		
2.0	REPAIR MAINTENANCE WORKS OF <u>STONE MASONRY, MANHOLE</u>		
3.0	REPAIR MAINTENANCE WORKS OF <u>SEEPAGE ISSUE</u>		
	TOTAL		

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Kavre

BOQ- PRELIMINARY WORKS							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	PROVISIONAL SUM INSURANCE						
1.1	Insurance of works covering all risk, materials, workmen's and third parties liabilities covering for entire period of construction plus defects liability period.	1.00	P.S.				
2.0	MOBILIZATION AND DEMOBILIZATION						
2.1	This implies- "Mobilization of the construction by constructing temporary accommodation for labours and site staff with required suitable facilities and keeping the same in good hygienic condition for entire project completion time. Demolition of the same and cleaning the site after completion of the construction activities all complete", however, as constructing temporary accommodation for any second party within the SOS CV premises goes against the policies of SOS Children's Villages, hence, this clause is the Amount the Contractor deems reasonably sufficient for temporary accommodation of labours and site staff, outside the site premises, for the entire project duration.	1.00	L.S.				
3.0	PROJECT INFORMATION BOARD						
3.1	Providing and Fixing of Project Information board with approved Text in appropriate location including all required fixing accessories, as per drawing all complete.	1.00	L.S.				

4.0	SAFETY SIGN BOARD					
4.1	Providing and Fixing of Safety Sign Board with approved Text and Signage including required fixing accessories, as per	1.00	L.S.			
5.0	BARRICADING WORKS					
5.1	Supply, installation, and fixing of green HDPE safety net (UV-stabilized, fire-retardant type), for barricading between the Village area and Construction area with mesh size approx. 50 mm x 50 mm, of minimum 200 GSM, to scaffolding around building facades, including nylon ropes, cable ties, fixing accessories, and all necessary supports, to ensure site safety and prevent falling debris, complete in all respects as per	100.00	R.M.			
6.0	SAFETY MATERIALS AND SITE SAFETY					
6.1	Providing and Maintaining Construction Safety Measures in Construction Site with proper Safety measures to person and work area (Helmet, Shoes, First Aid Kit, Clothing, Glove, Guard Rail for edge protection, Safety Net, Safety rope, Fall Protection etc.). The number of Safety Materials Personal Protecting Equipments (PPE) shall be minimum but not limited to 40 sets. [Note: 50% payment shall be made after completion	1.00	L.S.			
TOTAL AMOUNT						

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Kavre

BOQ- RENOVATION WORKS OF ROAD							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	DISMANTLING WORKS						
	Demolition of existing structures safely, handover of the reusable materials (viz., stone/boulder etc.) to the location authority, hauling and storing the dismantled materials to the location shown by the location authority upto a distance of 30 metres, cleaning site, etc. all complete, as per the specification and instruction of the Engineer.						
1.1	DEMOLITION OF PLASTER WORKS AT BRICK MASONRY						
	Brick masonry works at flower carrey	925.00	SQ.FT.				
1.2	DEMOLITION OF EXISTING ROAD (OTTA SEAL)						
	All existing black topped roads	3,815.00	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
2.0	EARTHWORKS						
2.1	EARTHWORK IN EXCAVATION						
	Excavation (manually) in foundations in hard clay/soft stone for foundation, trenches, footing, pits etc. with a haulage distance of 10m and upto the required depth (maximum 1.5m) including dewatering by manual means as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth/stone to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	5,128.20	CU.FT.				
2.2	EARTHWORKS IN BACKFILL						
	Back filling in foundation and sides of foundation with approved soil brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	769.23	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
3.0	SUB GRADE WORKS						
	Preparation and compaction of subgrade with approved material obtained from roadway excavation or borrow area, including removal of vegetation and debris, loosening, leveling, watering, and compacting the soil in layers not exceeding 200 mm loose thickness to achieve minimum dry density of 95% of MDD and CBR (10-12)%,, as per drawing and technical specification, including all labour, materials, tools, equipment, testing, and incidentals required for proper completion of the work, as per standard specifications for Road and Bridge Works (2072) as amended in 2078, Flexible Pavement Design Guidelines (Nepal) 2021 and engineer's instructions.	1,709.40	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
4.0	GRANULAR SUB BASE WORKS- (Sub base material S1 type, GRADED CRUSHED STONE, SIZE= 100MM DOWN, WITH STONE DUST SPREAD FROM TOP, 15-20CM TH.)						
	Provide, lay and compact Granular Sub-base (GSB) material obtained from approved sources, free from organic or deleterious substances, meeting the grading and physical requirements as per DoR Standard Specification 2073 (Section 1201 Granular Sub-base). Material to be spread in uniform layers not exceeding 150 mm loose thickness, compacted to a field density of not less than 98% of Maximum Dry Density (as per Modified Proctor / DoR test method), including watering, rolling with vibratory roller, trimming to lines and levels, and all labour, equipment, transportation, testing and incidentals, complete.	1,128.20	CU.FT.				
5.0	GRANULAR BASE WORKS- (Base Material GRADED CRUSHED STONE, SIZE= 37.5MM DOWN, WITH STONE DUST SPREAD FROM TOP, 15-20CM TH.)						
	Providing, laying, and compacting Crushed Aggregate Base (CAB) course of approved grading and material, free from organic/foreign matter, laid in layers ≤ 150 mm, compacted to 98% MDD using vibratory roller, including cost of supply, transportation (≤ 15 km), spreading, watering, compaction, trimming and testing as per DoR Specification Clause 1202.	1,128.20	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
6.0	PRIME COAT						
	Providing and applying prime coat with MC-30 or equivalent bituminous material, including cleaning of surface, supply and heating of bitumen, application using mechanical sprayer at specified rate (1.0 L/m ²), including labour, equipment, and all incidentals as per Clause 1503 of DoR Standard Specification.	3,815.00	SQ.FT.				
7.0	PREMIX CARPET						
	Providing, laying, and compacting Premix Carpet (20 mm thick) using pre-coated graded aggregates with VG-10 bitumen (14%–16% content), including heating, mixing, transporting, spreading, rolling, trimming edges, and finishing, all complete as per DoR Clause 1506	3,815.00	SQ.FT.				
8.0	REMOVAL OF DEBRIS VIA VEHICLE TRANSPORTATION						
	Disposing debris by transportation via number of trips in mini tata (assuming volume= 80 cu.ft.), including load/unload all complete	72.00	TRIPS				
				TOTAL AMOUNT			

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Kavre

BOQ- RENOVATION WORKS OF <i>DRAIN AT FOOTBALL GROUND</i>							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	DEMOLITION WORKS						
	Demolition of existing structures safely, handover of the reusable materials (viz., stone/boulder etc.) to the location authority, hauling and storing the dismantled materials to the location shown by the location authority upto a distance of 30 metres, cleaning site, etc. all complete, as per the specification and instruction of the Engineer.						
	Demolition of PCC works with cement as binder	191.40	CU.FT.				
2.0	EARTHWORKS						
2.1	EARTHWORK IN EXCAVATION						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
	Excavation (manually) in foundations in hard clay/soft stone for foundation, trenches, footing, pits etc. with a haulage distance of 10m and upto the required depth (maximum 1.5m) including dewatering by manual means as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth/stone to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	1,445.40	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
2.2	EARTHWORK IN BACKFILL						
	Back filling in foundation and sides of foundation with approved soil brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	247.50	CU.FT.				
3.0	BOULDER SOLING						
	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	495.00	CU.FT.				
4.0	PCC (1:3:6)						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations of retaining wall, etc. in all level with broken stone aggregate of size 20mm and 40 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	217.80	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
5.0	FULL BRICKWORKS (1:4 C:S)						
	Providing and laying non-fairfaced half brick work masonry in cement mortar 1:4 (1 cement:4 sand) in superstructure with approved first class fired bricks in perfect line & level, required size and shape at any height and level, including the cost of single or multi stage scaffolding, cleaning, soaking of the bricks, packing of the joints, raking joints, provision for recesses, openings, curing, providing 25x3mm GI Straps Fixed to columns at every 5th course of brick and 60mm width 14 gauge welded GI mesh anchored to GI strap, all complete as per design, drawing, specifications instructions of the Engineer.	340.31	CU.FT.				
6.0	PLASTER WORKS (1:6) AND 3MM NEAT CEMENT PUNNING						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
	<p>Providing and applying at all levels and shape 20 mm thick cement plaster in building exterior as well as interior in specified cement mortar with 1:6 (1 cement :6fine sand), topped off with 3mm th. neat cement sand punning (1:1), in all surface at all height including mixing mortar, laying in perfectline, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, providing chicken wire mesh at the junction of concrete and masonry etc., all complete as per drawing , specification and instruction ofthe Engineer. [Rate shallalso include for providing drips band, moulds, groove, chicken wire mesh at junction of RCC and masonry, etc., to complete the works at any heights.</p>	1,402.50	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
7.0	MS GRATING						
	Providing, fabricating and installing in position, 25*25*3mm equal angle sections, at both edges of drain, welded on top of lateral strips 25*3mm throughout the length, at both sides; 25*3mm MS strip (positioned vertically) spaced @1"c/c welded on top of equal angle section, including a coat of iron oxide as primer and finished with 1 coat of enamel paint, welding, rounding, jointing, finishing all complete as per drawing, specification and instruction of the Engineer.	1,747.66	KG				
8.0	REMOVAL OF DEBRIS VIA VEHICLE TRANSPORTATION						
	Disposing debris by transportation via number of trips in mini tata (assuming volume= 80 cu.ft.), including load/unload all complete	14.00	TRIPS				
TOTAL AMOUNT							

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Kavre

BOQ- REPAIR MAINTENANCE WORKS OF <u>BOUNDARY WALLS</u>							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	DEMOLITION WORKS						
	Demolition of existing structures safely, handover of the reusable materials (viz., stone/boulder etc.) to the location authority, hauling and storing the dismantled materials to the location shown by the location authority upto a distance of 30 metres, cleaning site, etc. all complete, as per the specification and instruction of the Engineer.						
1.1	DEMOLITION OF STONE MASONRY	270.00	SQ.FT.				
1.3	DISMANTLING OF MS FRAME ON WALL AND RE-INSTALLING THE SAME WITH REMAKING, RE-PAINTING, ALL COMPLETE, LATER	30.00	SQ.FT.				
2.0	EARTHWORKS						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
2.1	EARTHWORKS IN EXCAVATION						
	Excavation (manually) in foundations in hard clay/soft stone for foundation, trenches, footing, pits etc. with a haulage distance of 10m and upto the required depth (maximum 1.5m) including dewatering by manual means as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth/stone to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	360.00	CU.FT.				
2.2	EARTHWORKS IN BACKFILLING						
1.3	Back filling in foundation and sides of foundation with approved soil brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	118.80	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
3.0	BOULDER SOLING						
	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	80.00	CU.FT.				
4.0	PCC (1:3:6)						
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations of retaining wall, etc. in all level with broken stone aggregate of size 20mm and 40 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	26.40	26.40				
5.0	STONE MASONRY						
	Providing and laying Random Rubble stone masonry works in foundation and above plinth for Retaning Wall in 1:5 (1 cement : 5 sand) cement mortar including providing through/bond stone at required interval, single or multi-stage self standing scaffolding, curing, protection, etc., all complete as per drawings, specifications and instruction of the engineer.	559.80	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
6.0	POINTING WORKS (1:1)						
	Providing and applying at all levels flush ruled Pointing Works in Cement Mortar 1:1 (1 cement: 1 fine sand) on the face of stone masonry wall including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface ,all complete as per drawing , specification and instruction of the Engineer.	160.00	SQ.FT.				
9.0	FORMWORKS						
	Supplying and Fixing in position centering, shuttering of various pattern formworks with 19/12 mm thick water proof ply wood with steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	8.78	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
10.0	PCC COPPING WORKS						
	Providing and laying PCC coping in 1:2:4 mix with graded stone aggregate of 20mm nominal size, including formwork, compacting, finishing smooth with trowel, curing, and all necessary materials, labour, tools, and equipment required to complete the work as per specifications, drawings and instructions of the Engineer.	4.39	CU.FT.				
11.0	REMOVAL OF DEBRIS VIA VEHICLE TRANSPORTATION						
	Disposing debris by transportation via number of trips in mini tata (assuming volume= 80 cu.ft.), including load/unload all complete	7.00	TRIPS				
TOTAL AMOUNT							

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Kavre

BOQ- REPAIR MAINTENANCE WORKS AT CPT KAVRE							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	REPAIR/MAINTENANCE OF CRACKS AT BUILDINGS						
1.1	Demolition of plaster, re-plaster and re-paint throughout various buildings	3,000.00	SQ.FT.				
1.2	Dismantling (of existing) and re-installing of (new) tile at bathroom floor and walls, as and where required	900.00	SQ.FT.				
					TOTAL AMOUNT		

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Jorpati

BOQ- PRELIMINARY WORKS							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	AMOUNT IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	PROVISIONAL SUM INSURANCE						
1.1	Insurance of works covering all risk, materials, workmen's and third parties liabilities covering for entire period of construction plus defects liability period.	1.00	P.S.				
2.0	MOBILIZATION AND DEMOBILIZATION						
2.1	This implies- "Mobilization of the construction by constructing temporary acomodation for labours and site staff with required suitable facilities and keeping the same in good hygenic condition for entire project completion time. Demolition of the same and cleaning the site after completion of the construction activities all complete", however, as constructing temporary accomodation for any second party within the SOS CV premises goes against the policies of SOS Children's Villages, hence, this clause is the Amount the	1.00	L.S.				
3.0	PROJECT INFORMATION BOARD						
3.1	Providing and Fixing of Project Information board with approved Text in appropriate location including all required fixing accessories, as per drawing all complete.	1.00	L.S.				
4.0	SAFETY SIGN BOARD						
4.1	Providing and Fixing of Safety Sign Board with approved Text and Signage including required fixing accessories, as per	1.00	L.S.				
5.0	BARRICADING WORKS						

5.1	Supply, installation, and fixing of green HDPE safety net (UV-stabilized, fire-retardant type), for barricading between the Village area and Construction area with mesh size approx. 50 mm x 50 mm, of minimum 200 GSM, to scaffolding around building facades, including nylon ropes, cable ties, fixing accessories, and all necessary supports, to ensure site safety and prevent falling debris, complete in all respects as per	100.00	R.M.				
6.0	SAFETY MATERIALS AND SITE SAFETY						
6.1	Providing and Maintaining Construction Safety Measures in Construction Site with proper Safety measures to person and work area (Helmet, Shoes, First Aid Kit, Clothing, Glove, Guard Rail for edge protection, Safety Net, Safety rope, Fall Protection etc.). The number of Safety Materials Personal Protecting Equipments (PPE) shall be minimum but not limited to 40 sets. [Note: 50% payment shall be made after	1.00	L.S.				
TOTAL AMOUNT							

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Jorpati

BOQ- RENOVATION WORKS OF @ JORPATI EXT (STONE MASONRY AND RECONSTRUCTION OF MANHOLE)							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	DEMOLITION WORKS						
	Demolition of existing structures safely, handover of the reusable materials (viz., stone/boulder etc.) to the location authority, hauling and storing the dismantled materials to the location shown by the location authority upto a distance of 30 metres, cleaning site, etc. all complete, as per the specification and instruction of the Engineer.						
1.1	DEMOLITION OF BRICKWORKS WITH CEMENT AS						
	Manhole	149.76	CU.FT.				
1.2	DISMANTLING OF HEXAGONAL CONCRETE BLOCKS (AND TO BE RE-LAID LATER)						
	On floor	2,366.56	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
2.0	EARTHWORKS						
2.1	EARTHWORK IN EXCAVATION						
	Excavation (manually) in foundations in hard clay/soft stone for foundation, trenches, footing, pits etc. with a haulage distance of 10m and upto the required depth (maximum 1.5m) including dewatering by manual means as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth/stone to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	2,466.68	CU.FT.				
2.2	EARTHWORK IN BACKFILL						
	Back filling in foundation and sides of foundation with approved soil brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	1,233.34	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
3	BOULDER SOLING WORKS						
	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	440.00	CU.FT.				
4.0	PCC (1:3:6) WORKS						
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations of retaining wall, etc. in all level with broken stone aggregate of size 20mm and 40 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	110.00	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
5.0	GEO-TEXTILE						
	Providing and laying in position geo-textile fabric (120 GSM) between the contact surface of graded gravel filter and backfill soil, all complete as per drawings, specification and instruction of the Engineer.	760.00	SQ.FT.				
6.0	STONE MASONRY						
	Providing and laying Random Rubble stone masonry works in foundation and above plinth for Retaning Wall in 1:5 (1 cement : 5 sand) cement mortar including providing through/bond stone at required interval, single or multi-stage self standing scaffolding, curing, protection, etc., all complete as per drawings, specifications and instruction of the engineer.	2,322.20	CU.FT.				
7.0	PVC Pipe (50 mm)						
	Installation of 2"Ø PVC pipe @1.5m apart, vertcially and horizontally at stone masonry	420.00	R.FT.				
8.0	PCC COPPING (1:2:4) WORKS						
	Providing and laying PCC coping in 1:2:4 mix with graded stone aggregate of 20mm nominal size, including formwork, compacting, finishing smooth with trowel, curing, and all necessary materials, labour, tools, and equipment required to complete the work as per specifications, drawings and instructions of the Engineer.	35.11	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
9.0	FULL BRICKWORKS (1:4 C:S)						
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation up to plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	42.19	CU.FT.				
10	PLASTER WORKS (1:6) AND 3MM NEAT CEMENT						
	Providing and applying at all levels and shape 20 mm thick cement plaster in building exterior as well as interior in specified cement mortar with 1:6 (1 cement :6fine sand), topped off with 3mm th. neat cement sand punning (1:1), in all surface at all height including mixing mortar, laying in perfectline, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, providing chicken wire mesh at the junction of concrete and masonry etc., all complete as per drawing , specification and instruction ofthe Engineer. [Rate shallalso include for providing drips band, moulds, groove, chicken wire mesh at junction of RCC and masonry, etc., to complete the works at any heights	180.00	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
11.0	FORMWORKS						
	Supplying and Fixing in position centering, shuttering of various pattern formworks with 19/12 mm thick water proof ply wood with steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer	366.50	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
12.0	STEEL REINFORCEMENT WORKS						
	Providing and fixing in position Fe 500 steel reinforcement of various diameter conforming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and lapping for the bar length exceeding 10 meter in length shall be measured for the payment, except to column)	56.72	KG				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
13.0	PCC FOR RCC (1:1.5:3)						
	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggregate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of centering, shuttering, and reinforcement, all complete as per drawings, specifications and instructions of the Engineer	25.31	CU.FT.				
14.0	LAYING OF (PRE-EXISTING) CONCRETE HEXAGONAL BLOCKS WITH STONE DUST BELOW						
	Laying of (pre-existing at site) precast concrete hexagonal paving blocks, including bedding sand (minimum 50mm thick), compaction, jointing with fine sand, and all necessary cutting at edges and corners to fit the layout. Blocks to be laid in approved pattern on well-compacted sub-base, as per specifications, drawings and instructions of the Engineer.	780.97	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
15.0	MS RAILINGS						
	Supply, fabrication, and installation of mild steel (MS) handrail, including all necessary supports, base plates, anchoring bolts, brackets, welding, grinding, and surface preparation. The handrail shall be fabricated from MS pipes, flats, and plates as per approved drawings and specifications. The entire MS handrail shall be cleaned, surface prepared (degreased, derusted, etc.), and finished with two coats of anti-corrosive zinc chromate primer followed by two coats of approved synthetic enamel paint of approved color and shade, to achieve a smooth, uniform finish.	290.00	R.FT.				
16.0	REMOVAL OF DEBRIS VIA VEHICLE TRANSPORTATION						
	Disposing debris by transportation via number of trips in mini tata (assuming volume= 80 cu.ft.), including load/unload all complete	20.00	TRIPS				
				TOTAL AMOUNT			

Project: MAJOR REPAIR-MAINTENANCE WORKS AT SOS CV KAVRE AND SOS CV JORPATI

Location: SOS Children's Village Jorpati

BOQ- RENOVATION WORKS OF @ JORPATI SGH (WATER PROOFING)							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	DEMOLITION WORKS						
1.1	DEMOLITION OF FLOOR TILES AND FLOORING BEANEATH TILES	132.00	CU.FT.				
1.2	DEMOLITION OF PLASTER	1,062.00	SQ.FT.				
1.3	DISMANTLING OF ROOF TILE, STORING SAFELY AND RE- INSTALLING LATER	320.00	SQ.FT.				
2.0	HARDENED CEMENT CONCRETE FLOORING						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
	<p>Providing, laying in required line, level and pattern 40 mm thick IPS floor finish with cement concrete of mix 1:2:4 (1 cement : 2 sand : 4 crushed stone aggregate 12 mm and down grade) laid in alternate panel or providing Glass dividing strips and finished with approved floor hardener (Dreitop FH of equivalent floor hardener) applied as per manufacturer's instructions including mixing laying in required slope, intrigal finishing using appropriate power trowelling equipment, etc. all complete as per drawing, specification and instructions of the Engineer. Before commencing hardened cement concrete flooring, checking of proper compaction of stone soling below shall be ensured, with compact sections left as they are while comparatively looser soling shall be re-done and proper compaction ensured.</p>	100.00	CU.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
3.0	WATERPROOFING BY MEMBRANE SHEET						
	<p>Providing and applying waterproof raincoat paint suitable for exposed roof; before applying, cleaning the surface to remove any dirt, dust, grease debris or old paint by using a detergent or degreaser or a pressure washer to remove stubborn grime or old coatings (as and where required); filling of any cracks, holes or imperfections with suitable filler, completely dried and sanded smooth; apply light sanding to improve adhesion; mix the raincoat thoroughly as per the instructions provided by the manufacturer; use 1 coat of primer as per manufacturer's instructions; apply 1 coat of Raincoat and allow drying time as per manufacturer's recommendation and then apply the second coat and cure as per manufacturer's instructions; including all works, all complete, as per design, specifications and instructions of the Engineer.</p>						
	On floor	400.00	SQ.FT.				

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
4	PLASTER WORKS						
	Providing and applying at all levels and shape 20 mm thick cement plaster in building inside in specified cement mortar in two layers as 6 to 8 mm thick final coat with 1:6 (1 cement :6 fine sand) cement mortar over the 12 to 14 mm thick 1:6 (1 cement : 6 coarse sand) under coat in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, providing chicken wire mesh at the junction of concrete and masonry etc., all complete as per drawing , specification and instruction of the Engineer. [Rate shall also include for providing drips band, moulds, groove, chicken wire mesh at junction of RCC and masonry, etc., to complete the works at any heights].	1,062.00	SQ.FT.				
5.0	WEATHERCOAT PAINT						
	Providing and applying two or more coats of first quality hundred percent acrylic paint of approved shade and pattern to the exterior walls of buildings etc., The rates shall include for scrapping , washing the surface with water, applying a coat of approved quality water base cement primer, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer.	852.00	SQ.FT.				
6.0	ROOF TILE INSTALLATION						

S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
	Re-installation of roof tile on the cantlever portion, in perfect line and level, all complete.	80.00	SQ.FT.				
7.0	TELIA TILE INSTALLATION						
	Re-installation of Telia tile on the cantlever portion, in perfect line and level, all complete.	400.00	400.00				
8.0	REMOVAL OF DEBRIS VIA VEHICLE TRANSPORTATION						
	Disposing debris by transportation via number of trips in mini tata (assuming volume= 80 cu.ft.), including load/unload all complete	5.00	TRIPS				
	TOTAL AMOUNT						