

ABSTRACT SHEET FOR SHAURYA SMARAK

S.No	Particulars of Item	Item No.	Quantity	Units	Rate	Amount in Rs.
1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15cm deep and disposal of rubbish, lead upto 50 m and	2.28 vol-2 P-24	1812.00	Sqm	10.03	18174.36
2	Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual means in foundation trenches and drains (not exceeding 1.5M.in width or 10Sq.M. on plan) including dressing of sides and ramming bottems and lift up to 1.5 M .including getting out the excavated soil and dispossel of surplus excavated soil as	2.6.1/ vol-2 17	130.80	Cum	151	19750.80
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work up to plinth level. Cement concrete grade M-10 (Nominal Mix) with 20 mm	4.1.4/ 32 vol-2	49.80	Cum	4219	210106.20
4	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of	5.1.1/ 46 vol-2	35.79	Cum	5435	194518.65
5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts. Cement concrete grade M-20 (Nominal Mix) with 20 mm	5.2.1/ 46 vol-2	17.94	Cum	5656	101468.64
6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc.	5.11.4/ 47 vol-2	4217.81	Kg	58	244632.69
	Random rubble masonry with hard stone in foundation and plinth with Cement mortar 1:6 (1	7.1/65 vol-2	47.84	Cum	3724	178137.54
8	Supplying and filling in plinth under floors including, watering, ramming consolidating and dressing complete. Moorum/Hard copra	2.18.1/ 19 vol-2	226.80	Cum	478	108410.40
9	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating Each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2.16/19 vol-2	52.32	Cum	89	4656.48
10	Transportation By Mechanical means including loading, unloading and stacking where ever necessary. 5km or Part thereof	1.1/11 vol-2	279.12	Cum	148.81	41535.85
11	Centering and shuttering including strutting, propping etc.and removal of form for : Foundations, footings, bases of columns, etc. For	19.1.1/ 209 vol-2	420.20	Sqm	160	67232.00
12	Centering and shuttering including strutting, propping etc.and removal of form for : Lintels, beams, plinth beams, girders, bressumers and	19.1.5	32.80	Sqm	270	8856.00
13	Centering and shuttering including strutting, propping etc.and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts.	19.1.6	154.92	Sqm	362	56081.04

14	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access	19.1.3	2.40	Sqm	305	732.00
15	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894- 2002, class designation 50 (average compressive strength) in superstructure above plinth level up to floor 2 level including the cost of scaffolding : Cement mortar	6.14.2/ 57 vol-2	21.52	Cum	4607	99161.07
16	12 mm cement plaster of mix : 1:5 (1 cement: 5 fine sand)	13.1.2/ 161	105.38	Sqm	137	14437.06
17	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	13.1.2/ 161	154.92	Sqm	111	17196.12
18	15 mm cement plaster on the rough side of single or half brickwall of mix : 1:6(1 cement: 6fine sand)	13.5.2/ 161 vol-2	101.38	Sqm	191	19363.58
19	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level. Cement concrete grade M-15 (Nominal Mix) with 20 mm	4.3.1/ 32 vol-2	25.20	Cum	4755	119826.00
20	Stone work (machine cut edges) for wall lining etc. (vener work) backing filled with a grout of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 Marble dust) with an admixture of pigment matching the stone shade : (To be secured to the backing by means of cramps which shall be paid separately) : Red sand stone - Exposed face machine cut and table rubbed with rough backing, 20 mm thick	7.23.2.5/ 67 vol-2	233.00	Sqm	2442	568986.00
21	40 mm thick machine rubbed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement :5 coarse sand) with joints 3mm thick, side buttered with cement mortar 1:2 (1 cement : 2 sand) admixed with pigment to match the shade of stone and pointing with same mortar. Red sand	11.28.1/ 67 vol-2	445.20	Sqm	660	293832.00
22	Providing and fixing stone jali 40mm thick in cement mortar 1:3(1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1white cement : 2 Marble dust) with an admixture of pigment, matching the stone shade, jali slab	7.33.1/ 69 vol-2	25.92	Sqm	5003	129677.76
23	Stone work, plain in copings, cornices, string courses and plinth courses, upto 75 mm thick in Cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 Marble dust) with an admixture of	7.32.1/ 69 vol-2	9.23	Sqm	33240	306805.20
24	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand) including making the necessary chases in stone and holes in walls wherever	7.25/ 68 vol-2	140.00	Each	626	87640.00
25	Providing and applying 1 mm thick (in two coat) white cement based wall putty of best quality, over plastered surface top repair the surface even and	13.25/ 162 vol-2	120.00	Cum	63	7560.00
26	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to	13.40.2/ 164 vol-2	80.00	Sqm	78	6240.00
27	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 Sqm) over and including priming coat of exterior primer applied @	13.43.1/ 165 vol-2	80.00	Sqm	146	11680.00

28	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings,	10.14.1. 2/ 118 vol-2	819.00	Sqm	92	75348.00
29	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved	13.46.3/ 166 vol-2	46.80	Sqm	68	3182.40
30	Supplying, stacking and spreading of good earth for plantation at site including royalty and carriage earth measured in stacks will be reduced by 20%	11.3/ 98 vol-3	11.70	Cum	375	4387.50
31	Supplying and stacking sludge at site including royalty and carriage up to 1 km (sludge measured in stacks will be reduced by 8% for payment).	11.4/ 98 vol-3	11.70	Cum	213	2492.10
32	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing.(if needed good earth shall be paid	11.7/ 98 vol-3	39.00	Sqm	84	3276.00
33	Providing and planting different variety of plants of approved quality and sizes as mentioned including making pits of required size at site, refilled with B.C. Soil mixture manuring and pesticide etc. complete (to be paid separately) including watering and 90 days maintenance from the date of final bill as per direction of Engineer-in-Charge complete in all respect (B.C. Mixture paid	11.11/ 99 vol-3				
	Shrubs :- Bahunia Tomentosa, Beloperone Species, Caselpinnia Pulcherima, Bird of Paradise, Callandra Emarginata, Callandra Hybrida, Cassia Bi flora, Cassia Laevigata, Cestrum Nocturnum, Dombeya Mastersii, Euphorbia Caracasana, Euphorbia Pulcherima, Excorea bi color, Excorea tri color, Ficus Blackii, Ficus Reginold, Ficus Panda, Gardenia, Gulphinia, Jasminoides, Hamelia Pattens, Heliconia, Hibiscus Rosasinensis, Hibiscus Verigated, Hibiscus Viceroy, Jatropha Multifida, Largestomia Indica, Malpighia Coccigera, Murraya Exotica, Murraya Koeniggi, Murraya Sambucum, Mussaenda Erythrophylla, Nerium Oleander, Nyctanthus Arbortristis, Plumbego Capensis, Putranjeeva Roxburghii, Tabernaemontana Coronaria, Tabernaemontana Divaricata, Tecoma	11.11.1	100.00	Each	357	35700.00
	Creepor plants (height:30cm to 45 cm) :- Allamanda Cathartica, Allamanda Grandiflora, Allamanda Violacea, Begnonia Venustha, Boughan Villas (Variety : Butiana, Lady Mary Bearing, Mahaara, Mohan, Scarlet Queen Variagata, Glabra Formosa, Peruviana Odissi, Partha, Shubhra, Thimma, Spectabillis, L.N. Birla, Refulgens), Clerodendrum Splendens, Clerodendrum Thompsonae, Ipomea Purpurea, Jasminum Grandiflorum, Jasminum Humile (Yellow), Passiflora Caerulea (Rakhi Bel), Petrea Volubilis, Quis Qualis Indica, Tecoma Grandiflora, Veronia Elaeagnifolia (Curtain Creepor)	11.11.2	50.00	Each	346	17300.00

	<p>Ground cover plants height: 30cm-45cm :- Alpinia Verigated, Alternanthera species, Aspyragus Myerri, Aspyragus Springenii, Aspidistra, Canna (regular, Dwarf), Chlorodendron Inermii, Chlorophytum (Green); Chlorophytum verigated, Coffea Chinensis, Dianella Verigated, Durranta (Goldiana, Green, Verigated), Euphorbia Milli hybrid, Ipomea (Golden leaves), Iresine herbstii, Juniper Prostata, Juniper Africana, Ophiopogon plant, Ophiopogon jaburan, Portulacaria Afra (jade Plant), Schefflera Green, Schefflera verigated, Setcreasea Purpurea, Syngonium (Butterfly) species, Syngonium miniature, Syngonium Dwarf, Syngonium variegated, Tradescantia, Wadelia Trilobata, Zebrina Tradescantia, Pendanas, Spider Lily Black, Spider Lily verigated, Aclypha (Red, Green, Mini), Lantana (Red, Yellow, Purple, White,</p>	11.13.3					
			50.00	Each	357	17850.00	
34	Supplying, fixing & testing of approved make flexible LED strip comprising of 60 LED per meter W/O driver for direct mounting complete with all accessories including connection lead, fixing, connection as required. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job. Flexible LED strip 24Watt/25Watt - 5 M outdoor	PWD 31.17.3/ 85	20.00	Each	1994	39880.00	
35	Supply, fixing and testing of approved make integral step/skirt LED light suitable for 3 module box and plate including fixing on wall as required, with necessary material to complete the job. Guarantee as per tender agreement condition.	PWD 31.20/ 85	10.00	Each	676	6760.00	
36	Supplying, fixing & testing of approved make Power supply for LED strip. Power supply 25Watt/30Watt for LED strip IP25/IP33	PWD 31.20/ 84	10.00	Each	533	5330.00	
37	SUB MAINS IN SURFACE RIGID STEEL CONDUIT IN COPPER CONDUCTOR Wiring for sub-mains with PVC insulated cable FR with copper multi strand conductor ISI marked in surface rigid steel ISI marked conduit of suitable size (conduit included) including connection painting etc ,as required as per specification. 2.5	5.1.1/ 32 vol-4	90.00	Mtr	188	16920.00	
38	Supply and fixing of IP 65, Surface wall mounted 9W LED up/downlighter decorative wall light fixture with anti glare beam angles 24deg - 36 deg as required. Fixture should be Aluminium with light reflectance surface, SS clamps, screws as required. CRI80+ NON DIM with led power supply built in color tolerance: <MacAdam 4 SDCM LED.	PWD 56.1/ 235	10.00	Each	14635	146350.00	


39	Supply and fixing of recessed ground mounted deep LED uplighter fixture with Honeycomb Louver. protected Uno PATHFINDER IP66 2700K-5500K 8deg-24deg as required. stainless steel body hard anodized aluminium finishes stainless steel & IK rating 08. Installation housing box power supply cables 35 cm NS20N PCP 2x0,5 mm2 power supply 24V DC power consumption max 9 Watt lumen output 240-680lm working temperature -20°C +45°C IP rating IP66 (not for permanent immersion) insulation class III Weight upto 500gm. and delivers 90CRI for excellent colour rendering, and with binning-free LEDs carefully selected from two-step Macadam's ellipse. PATHFINDER is smart shield protected against polarity inversion, an integrated super fast diode prevents accidental damage to the luminaire during installation on due to reverse polarity. Smart shield protects against 'hot-	PWD 56.5/ 237	5.00	Each	17684	88420.00
40	Supply and fixing IP65 surface wall mounted 6W 4 way grazer 3"x3" LED fixture fitted with 700ma 8deg-15 deg 3000K-4000K . Luminary should be Aluminium die cast, CRI 80+ non-dimmable with led power supply , < 4 Macadam SDCM LED.	PWD 56.11/ 239	10.00	Each	17684	176840.00
41	Supply of XLPE insulated power cable (conforming IS-7098) 1100 Voltgrade /Heavy duty power cable conforming to IS1554-1100 Volts grade ,2core /3½ core /4core ISI MARKED with Alu. Stranded /solid	14.1.8/8 0 vol-4				
	10 Sq.mm.(XLPE)		120.00	Mtr	99	11880.00
	16 Sq.mm.(XLPE)		90.00	Mtr	113	10170.00
42	Providing and erection of 12.5 meter high mast lighting system suitable to install 8 No. 150 w LED flood light fitting and control gear with integral Power tool, weight 340 kg. comprising of 2 section of hot dipped galvanized materials as per BSEN ISO 1461 thickness 3 mm, dia 100mm & 360mm for top and bottom respectively, stress fitting arrangement on site with 350mm overlap dynamic loading to withstand max wind pressure as per -IS 875 part III, parameters for structural & foundation design must be taken from wind tunnel test. Lightning protection of GI single spike 800mm at top and at base inside compartment with double internal lock with adequate size of MCB erected on PVC board complete with base plate of 25mm thick 520mm dia. and foundation bolts having 4 nos. bolts of 24mm dia, 750mm long (EN8 grade), Anchor plate 445 PCD, including accessories viz. (1) Lantern carriage of 50 NB ERW class-B,MS pipe covered with PVC sleeve suitable to carry 250kg. load and upto 6 fittings symmetrically. (2) Trailing copper cable 5x2.5 sq.mm,EPR insulated PCP sheathed. (3) Double drum/350kg winch having gear 53:1, oil bath (SAE90/140) arrangement. (4) 2 nos. stainless steel wire ropes 5mm dia (7/19) breaking load capacity 1450 kg.x2. (5) Integral power tool 3-phase 0.75 HP 2m/min	16.1/ 89 vol-4	1.00	Each	156193	156193.00
43	Stone name plate with write-up.(1.82x0.30M)	NSR	16.00	Each	30000	480000.00
	Total					4234976.44
	Add 18% GST					762295.76


THE CONSTRUCTION WORK OF SHAURYA SMARAK


RATES - BASED ON SCHEDULE OF RATES FOR GOVERNMENT OF MADHYA PRADESH URBAN ADMINISTRATION AND DEVELOPMENT DEPARTMENT IN FORCE FROM 2nd AUGUST 2021

GENERAL ABSTARCT

S.No	PARTICULARS	AMOUNT (Rs)
1	SHAURYA SMARAK	4,234,976.44
	Adding 18% GST	762295.76
	TOTAL AMOUNT	4997272.19
SAY IN Rs. 50.00 LAKH		


अजय शर्मा
उपयंत्री
नगर निगम ग्वालियर


सहायक यंत्री
नगर निगम ग्वा.


23/08/26
कार्यपालन यंत्री
नगर निगम ग्वालियर

तकनीकी स्वीकृती

जनकान्त

पूर्व विधानसभा

प्रकल्प क्षेत्र उपखण्ड का नाम

कार्य का नाम स्मार्ट सिटी पार्क में शौर्य स्मारक क्रीडा के क्षेत्र में

कार्य अनुमानित लागत (सशिल रु.) 4234976/ + 6.57.

प्रकल्प प्रस्तुतकर्ता कार्यपालनयंत्री मुख्यसमन्वयक अधिकारी एवं ओ.डी. का

नाम सुरेश केशव

प्रकल्प प्रस्तुतकर्ता सहायक यंत्री/पलमर अधिकारी का नाम केशव गुप्ता

प्रकल्प प्रस्तुतकर्ता उपयंत्री/विभागाधीनी का नाम अजय शर्मा

सन्मानन से राजस्व होकर तकनीकी स्वीकृति दी जाती है।

तकनीकी स्वीकृति नं. 6505 दिनांक 23/8/26


हस्ताक्षर