

Name of work :- Repair Estimate to ESIC Dispensary, BO and Staff Qtrs at MSK Mill, Kalaburagi(Civil Works)						
SL. NO	DSR no	DESCRIPTION OF ITEM	UNIT	QTY	RATE in Figures/ (Rs) Rate in words	AMOUNT
1	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	sqm	900		
2	9.56	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hingeswith necessary screws etc. complete :				
	9.56.1	125x90x4.00 mm	nos	30		
	9.56.2	100x75x3.50 mm	nos	30		
3	9.67	Providing and fixing oxidised M.S. hasp and staple (safety type)conforming to IS : 363 with necessary screws etc. complete :				
	9.67.1	150 mm	nos	30		
4	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyedto required colour or shade, with necessary screws etc. complete :				
	9.97.4	150 mm	nos	30		
	9.97.5	100 mm	nos	30		
5	9.1	Providing and fixing aluminium handles, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyedto required colour or shade, with necessary screws etc. complete :				
	9.100.1	125 mm	nos	30		
	9.100.2	100 mm	nos	30		
6	9.102	Providing and fixing aluminium casement stays, ISI marked, anodised(anodic coating not less than grade AC 10 as per IS : 1868) transparentor dyed to required colour and shade, with necessary screws etc.complete.	nos	30		
7	14.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge.				
	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	15		
8	13.21	Extra for providing and mixing water proofing material in cement .plaster work in proportion recommended by the manufacturers	Per bag of 50 kg cement used	5		

			in the mix			
9	14.5	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:				
	14.5.1	14.5.1 Float glass panes of thickness 4 mm(Wherever glass broken)	sqm	25		
10	14.4	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.				
	14.40.1	125x70x4 mm (ordinary type)	nos	30		
	14.40.4	75x40x2.5 mm (ordinary type)	nos	30		
11	14.42	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	5284		
12	13.41	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	3723		
13	13.53	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	13.53.1	New work (two or more coats) including a coat of approved	sqm	610		
14	13.61	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : (for wood work)				
	13.61.1	Two or more coats on new work	sqm	589		
15	13.44	Finishing walls with water proofing cement paint of required shade (External Wall & Compound wall)				
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	1444		
16	14.76	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	no	20		

17	14.78	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank, including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba, all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account) for Sump	Ltr	8000		
18	13.52	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.				
	13.52.2	On concrete work for Sump	sqm	20		
19	14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	nos	10		
20	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge				
	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	20		
21	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level :				
		1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	20		
22	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	47.72		

23	14.85	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge for Doors and windows	nos	14		
24	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	nos	10		
25	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:	nos			
	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	nos	10		
26	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	nos	10		
27	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	nos	6		
28	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
		Internal work - Exposed on wall				
	18.7.2	20 mm nominal outer dia Pipes	m	120		
	18.7.3	25 mm nominal outer dia Pipes	m	150		

	18.7.5	40 mm nominal outer dia Pipes	m	50		
29	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
		Concealed work, including cutting chases and making good the walls etc				
	18.8.2	20 mm nominal outer dia Pipes	m	70		
	18.8.3	25 mm nominal outer dia Pipes	m	70		
30	18.15	Providing and fixing brass bib cock of approved quality :				
	18.15.1	15 mm nominal bore	nos	10		
	18.15.2	20 mm nominal bore	nos	10		
31	18.16	Providing and fixing brass stop cock of approved quality :				
	18.16.1	15 mm nominal bore	nos	10		
	18.16.2	20 mm nominal bore	nos	10		
32	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	18.18.2	20 mm nominal bore	nos	10		
	18.18.3	25 mm nominal bore	nos	10		
33	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank				
	18.48B	Rectangular tank (2000 ltr -4 nos)	Ltr	8000		
34	18.54	Providing and fixing PTMT bib cock of approved quality and colour				
	18.54.1	15mm nominal bore, 86 mm long, weighing not less than 88 gms	nos	16		
	18.54.3	15 mm nominal bore, 165 mm long, weighing not less than 110 gms	nos	16		
35	18.55	Providing and fixing PTMT stop cock of approved quality and colour				
	18.55.2	20 mm nominal bore, 89 mm long, weighing not less than 88 gms	nos	16		
36	18.58	Providing and fixing PTMT grating of approved quality and colour.				
	18.58.1	Circular type				
	18.58.1.1	100 mm nominal dia	nos	10		
	18.58.1.2	125 mm nominal dia with 25 mm waste hole	nos	10		

37	18.74	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.				
	18.74.1	15 mm nominal bore with 30cm length	nos	48		
	18.74.2	15 mm nominal bore with 45 cm length	nos	48		
38	18.75	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour.				
	18.75.1	18.75.1 15 mm nominal bore, weighing not less than 32 gms	nos	10		
	18.75.2	20 mm nominal bore, weighing not less than 40 gms	nos	8		
39	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete				
	19.1.2	150 mm diameter	m	30		
40	19.3	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 coarse sand (Zone III) : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
	19.30.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				
	19.30.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	nos	20		
41	17.28	Providing & fixing PVC waste pipe for sink including PVC waste fitting Complete				
	17.28.2	Flexible Pipe				
	17.28.2.1	32mm Dia	nos	10		
42	17.7	Providing and fixing PTMT Bottle Trap for Wash basin and sink.				
	17.70.2	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms.(sink & urinal)	nos	8		
43	18.17	Providing and fixing of gun metal gate valve with CI wheel of approved quality (screwed ends)				

	18.17.2	25 mm dia, nominal bore	nos	4		
	18.17.3	40 mm dia, nominal bore	nos	4		
44	22.19	Providing and laying APP (At actic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscocity 70-160 cps. Over the primer coat the layerof membrane shall be laid using But aneT orch and sealing all joint s etc,and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/5cm. T ear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :22.20.1 3 mm thick.	sqm	865		
45	26.28.2	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge 26.28.2 50mm average thickness	sqm	865		
46	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing				
	4.2.2	1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	5		

47	11.47	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
	11.47.2	Size of Tile 600x600 mm	sqm	220		
48	14.77	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.	m	60		
49	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish,all as per direction of Engineer-in-Charge. The cleaning shall				
		consist following operations:-				
		(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of slit and other deposits.				
		(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.				
		(iii) Chlorination of RCC internal surface by liquid chlorine.				
		(iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface.				
		(v) Finally the surface shall be treated with ultraviolet	sqm	90		
		radiation etc. as per direction of Engineer-in-Charge.				
50	12..21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design				
		In 75x75 mm deep chase	m	75		

51	13.9	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 20 mm cement plaster	sqm	60		
52	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	60		
		Total DRS amount (A)				
53		Providing and Fixing of MS ladder 45cms wide 65x65x6mmsized angled iron and 20mm M.S Bars at 25 cms cc with necessary supports as directed and angle iron of same section at braces including fixing in ground with c.c 1:2:4 beds and 2 coats of non-poisonous anticorrosive bituminous paints as directe (including inserting in the angle iron and welding) outside OHT.(Page no. item no. Panchayat Raj engineering Circle (2012-13) Kalaburagi)				
	Item no.4.6.1	M.S Ladder	Mtrs	6		
54	Item no.9.7	Cleaning of Bore wells either using slow or fast rig including yeild testing (pages no . Item panchayat Raj Engineering Circle (2012-13) Kalaburagi)	Each	1		
55	12.116	Providing and Fixing to wall , ceiling and floor unplasticised PVC 6.00 Kgs/sqcm working pressure with pipe fitting, wall clips etc., and making good the wall, ceiling and floor for sanitary pipeline including cost of all materials labour chargs HOM of acquirment and testing complete as per specification				
	12.116.1	110mm dia (KPWD 2015-16),kalaburagi	Mtrs	120		
56	LS	Making repairs to Existing Gate of MS flats forged to shape and with welding	LS	1		
57	LS	Cleaning/taking of sewerage water/slurry from septic tank	LS	2		
		Total Amount (A)				
		Electrical (B)				
		Total Amount (A+B)				
		Grand Total Amount				
		Say				

FINANCIAL BID Electrical						
Sl. No	DSR Code no	Description	Unit	Q ty	Rate in figure/ In words	AMOUNT
Name of work :- Repair Estimate to ESIC Dispensary, BO and Staff Qtrs at MSK Mill, Kalaburagi-						

1		Supplying and fixing /replacing of 6/16/32 Amps electrical accessories on existing switch board.				
	KPWD /P-18	6 Amps SP Switch	Nos	100		
	(3.15.3)	6Amps 3 way 5 pin socket	Nos	35		
	(3.15.4)	6 Amps 3 pin top	Nos	30		
	(3.15.6)	6 Amps lamp holder	Nos	15		
	(3.15.9)	16 Amps SP Switch	Nos	20		
	(3.15.13)	6/16 Amps combined plug and socket	Nos	10		
	(3.15.7)	6 Amps bell push	Nos	20		
	(3.15.10)	16 Amps 3 way 5 pin socket	Nos	44		
2	KPWD/P-20 (4.6)	Supplying patti type fluorescent tube fitting of 4' suitable for 28 watts fluorescent tube fitting, made out of M.S Sheet and stove enamelled with HF electronic ballast locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volt AC supply including T5 lamp.	Nos	36		
		Fluorescent tube 2 1/4'-36/40 watts (P-xi)	Each	49		
3		Supplying of 2 pin/ 4 pin 13/18 watt CFL lamp	EAcH	40		
4	KPWD P-78 (9.3.1.1)	Supplying capacitor type ceiling fan complete with down rod blades, shaddle canopies etc, for operation on 230volt 50 cycles, single phase AC supply conforming to ISS-374-1979 and with double ball bearing system .				
		48" Sweep (1200mm) Regular Model	Each	5		
5	KPWD/P-104 (16.4)	Rewinding a ceiling fan/after using necessary guage annealed and insulated copper wire with necessary insulating separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the re-fixing.				
		1200 MM	Each	20		
6	. KPWD P-104 (16.6)	Supplying and replacing ceiling fan regulator up to 900mm to 1200mm	Each	30		
7	KPWD P-31(4.38.33 .1)	Supplying and fixing replacing condenser for ceiling fan up to 4mfd.	Each	30		
8	KPWD P-31(4.38.36)	Supply of 230 volt 20/40 watts starter for fluorescent lamp.	Each	90		
9	KPWD P-31(4.38.38)	Supply of 230 volt 20/40 watts lamp holder for fluorescent lamp.	EAcH	100		
10	KPWD P-xii/218	Heavy duty open construction copper ballast for fluorescent lamp fittings.	Each	35		
11	KPWD P-xi/144	GLS Lamp 40/60/100 watt lamp.	Each	40		

12	KPWD P-2 (1.1.1)	Supplying heavy guage PVC conduit pipe conforming to IS-2509 with suitable size bends, junction boxes, adhesive paste etc and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/stone structure of rawl plugs in case of brick walls and cement plastering the damaged portion using heavy guage saddles at an interval of 700mm using NF screw .				
		(1.1.1)19/20 MM Dia, 2MM thick	Mtr	600		
		(1.1.2) 25 MM Dia, 2MM thick	Mtr	330		
13	KPWD P-6	Wiring of lighting/power circuit using one of FRLS PVC insulated 1100V grade multi strand copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694;1990 & conforming to GTP of Group-A				
		(2.5.1) 1.5 Sqmm	Mtr	1050		
		(2.5.3) 2.5 Sqmm	Mtr	1580		
		(2.5.4) 4 Sqmm	Mtr	550		
14	KPWD P-55	Supplying of 1.1 kv LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip conforming to IS-3975:1990 & Extruded cable with specified IS-1554 part 1:1988 & conforming to GTP of GROUP-A				
		(7.4.5) 3.5 core 25 sqmm	Mtr	30		
15	KPWD P-47	Supply and fixing regular MCB distribution board on wall/wood board/ flush mounting using required clamps, bolts,nuts etc with provision of fixing suitable type capacity MCB's single door with power coated painting. Made out of 14 SWG MS enclosure.				
		(6.17.1) 4 way SP & N	EAch	18		
		(6.17.7)4 way TP & N (Double door)	Each	2		
16	KPWD P-47	Supplying and fixing MCB on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10 KA and complete wiring as required conforming to IEC-60898. KPWD P-47				
		(6.16.1) 5-32 Amps SP	EAch	9		
		(6.16.2) 40-63 Amps SP	Each	14		
17	KPWD P-47	Supplying fixing and wiring ELMCB 240/450V upto 300mA sensivity on existing wood/panel board. KPWD P-47				
		(6.18.1) 32-40 Amps 2 Pole	EAch	3		
18	KPWD P-44	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.				
		(6.7.1)16 Amps	EAch	10		

19	KPWD P-55 (6.1)	Supply ,fixing, wiring earth electrode for grounding conduits I.C cutouts and other equipments on the meter board using 40mm dia, 2.9 mm thick GI pipe 2.5m long buried in a pit. The pit should be filled with equal proportion of salt and charcoal 150mm all around the pipe to complete depth . The connection from the pipe to the conduit etc is to be established through GI wire of size as per specification 7.3.3 of IS-732 using 12mm dia bolts, nuts,washers and check nuts etc, the pipe shall have 16 through holes of 122mm dia .	EACH	2		
20	KPWD P-55	Supplying and running of GI/Copper strips for grounding connections using necessary fixing materials as required.				
		(7.3.1)GI Strip 25*3 mm	Mtr	15		
21		Supply of submersible pump set suitable for Bore well of 150mm dia conforming IS specifications(Lump-sum)	Nos	1		
22	KPWD P-47	Supplying and fixing regular MCB on existing MCB distribution board using necessary fixing materials and 'c' Type curve,indicator ON/OFF energy cross-3 with sort circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898.				
	6.16.6	40-63 Amps TPN	EACH	3		
23		1.5 HP Size 50*40 head 3000 RPM, Centrifugal water pump(Lump- sum)	Nos	1		
24	KPWD P-6	Wiring of lighting/power circuit using one of FRLS PVC insulated 1100V grade multi strand copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694;1990 & conforming to GTP of Group-A				
		(2.5.5) 6 Sqmm	Mtr	20		
25		supplying and wiring adopting loop system in existing PVC conduit/casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 *1.5sq.mm cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose lenth in a wood/PVC round block. completed for each outlet.				
	KPWD SR 14-15)	Short point upto 3Mtr from tapping point to out via switch(Item no2.1.1 page no.5	Pts	12		
	KPWD SR 14-15)	Medium point above 3Mtr upto 10Mtr from tapping point to out let via switch (item no-2.1.2, page-5 KPWD SR 14-15)	Pts	28		

	KPWD SR 14-15)	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch(ITEM NO.2.1.3, Page no.5, KPWD SR 14- 15)	Pts	45		
		(6.17.9)Double Door 8 way TP &N	Each	1		
26	KPWD P- 30 (4.38.26)	Supply of 150W Metal Halide single end tubular lamp with lumen output of 14500 lumen &(150W) & CCT 3000/4000& CRI 80+ & Avg life greater than 15000 to 20,000 Hrs with cap Base E40.	Each	4		
27	KPWD P-x/133	6 Amps lamp holder	Nos	5		
28	N.S.R 214 P-26	Motor starter in sheet steel enclosure. DOL up to 7.5 HP	Nos	1		
29	N.S.R- 2014 P-36	Flat 3 core PVC insulated and PVC sheathed industrial cable, copper conductor for submersible pump motor.				
		3*6 Sqmm	Mtr	15		
30	N.S.R 214 P-26	Motor starter in sheet steel enclosure. DOL up to 7.5 HP	Nos	1		
		TOTAL AMOUNT-B				