

CONTRACTOR BILL FOR CONTRACTORS & SUPPLIERS ONLY FOR PAYMENT FOR WORK OR SUPPLIES ACTUALLY
MEASURED WORK ORDER Cash Book Voucher No. Date- Name of Contractor or supplier : M/s Seema Electrical Udaipur Name of
Work :- Electric Repair and MTC work at Govt. Ambedkar hostel Ambamata, Govardhanvilas, Udaipur Serial No. of this bill : First &
Final Bill No. and date of the last bill- Not Applicable Reference to work order or Agreement : 1179 Dt. 09-01-2025 Agreement No.
48/2024-25 Date of written order to commence work : 09-01-2025 St. date of Start : 18-01-2025 St. date of completion : 17-04-2025
Date of actual completion of work : 01-03-2025 Date of measurement : 03-03-2025 WORK ORDER AMOUNT RS. 854678

Unit	Quantity executed (or supplied) since last certificate	Quantity executed (or supplied) upto date as per MB	Item No.	Item of Work supplies (Grouped under "sub-head" and "sub work" of estimate)	Rate	Amount upto date	Amount Since previous bill (Total for each sub-head)	Remark
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0	1	<p>Rewiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) virgin material PVC conduit & it's ISI marked (IS:3419-1988) accessories, round tiles, 1.2 mm thick MS box with earth terminal, 6 A switch, 3 pin ceiling rose/holder / 3 way connector , 3.0 mm thick ISI marked (IS:2036-1995) phenolic laminated sheet, Al.alloy / Cadmium plated iron/ brass screws, cup washers, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR</p>	0	1.5
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P. point	52.0	Short point (up 256.0 to 3 mtr.)	13312	1.5.1
P. point	48.0	Medium point (up to 6 mtr.)	22656	1.5.2
P. point	52.0	Long point (up to 10 mtr.)	34424	1.5.3

0	2	<p>Rewiring of 3/5 pin 6 amp. Light plug point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P - III) virgin material PVC conduit & it's ISI marked (IS:3419-1988) accessories, 1.2 mm thick MS box with earth terminal of required size, 6 A switch, 3/5 pin 6 A socket, 3.0 mm thick ISI marked (IS:2036-1995) phenolic laminated sheet, Al.alloy / Cadmium plated iron/ brass screws, cup washers, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR</p>	0	1.7
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Each	8.0	3	P & F ISI marked (IS:3854) 6 amp. flush type non modular switch with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material including cutting hole in tile and making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	23.0	184	7.1
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Each	32.0	4	<p>P & F ISI marked (IS :3854) 16 amp. flush type non modular switch CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material including cutting hole in tile and making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .</p>	50.0	1600	7.2
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Each	22.0	5	Providing & Fixing of of 3/5 pin 6 amp. flush type non modular socket made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	33.0	726	7.10
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Each	36.0	6	Providing & Fixing of 3/6 pin 16 amp flush type non modular socket made out from Industrial grade Polycarbonate or fire resistant ABS material, brass terminal with Porcelain based back cover & captive screws including cutting hole in tile and making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	78.0	2808	7.11
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Each	12.0	7	Providing & Fixing of ISI marked (IS:371) 6 amp surface type 3 pin ceiling rose with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	30.0	360	7.12
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Each	8.0	8	Providing & Fixing of ISI marked (IS:1258) batten/angle lamp holder with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material, brass terminal & captive screws including making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	30.0	240	7.13
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Each	0	9	Providing & Fixing of IS 11037:1984 marked non modular socket size flush type 180 watt rotary minimum 5 step fan regulator with CM/L no. printed and made out from industrial grade Polycarbonate or fire resistant ABS material including making connection testing etc. as required.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	219.0	0	7.21
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Each	0	10	Providing and fixing of power plug point with non modular accessories as per PWD specification for electrical Works with Galvanized box of 1.2 mm thick with earth terminal with suitable size phenolic laminated sheet (IS : 2036 - 1995) cover including cost of 16 amp. Switch (IS :3854) and 3/6 pin 16 amp. socket outlet making connection , testing , etc. as required. . For specification of Wiring accessories refer Chapter E - 07 related item & For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	303.0	0	7.36
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	0	11	S&F following 0 sizes (dia.) of ISI marked virgin material MMS (IS:9537 P - III) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR		0	1.4
R. mtr.	2985.0		20 mm	40.0	119400	1.4.1
R. mtr.	0		25 mm	56.0	0	1.4.2

0

12

Supplying and 0

0

4.1

drawing FR
PVC insulated
& unsheathed
flexible copper
conductor as
per PWD
specification for
electrical Works
with ISI marked
(IS:694) and as
per IS 8130 :
2013 of 1.1 kV
grade . Wire
should be
made from
99.90 % purity
copper, class 2
stranding in
acc. to
IS:8130/IEC
60228 for lower
watt loss ,
oxygen free for
less chances of
oxidization,
insulation PVC
type A/C/D ,
flame retardant
as per IS
10810-53,
better
amperage
rating as per
IS:3961 part 5,
in existing
surface or
recessed PVC/
MS
conduit/casing
capping making
connections
with Copper
Lugs of suitable
size,
Ferrules,testing
etc. as
required. OEM
Must have its
own in house
NABL lab setup
for all testing
facilities for
wires. For
additional
technical
parameters of
product / work
refer Annexure
'A' attached
with this BSR

Mtr.	9000.0	2 x 2.5 sq. mm. + 1x1.5sqmm	81.0	729000	4.1.7
Mtr.	0	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	122.0	0	4.1.14

Set	0	13	<p>Plate Earthing 5733.0 0 14.2</p> <p>as per IS:3043</p> <p>with Hot dipped</p> <p>G.I. Earth plate</p> <p>of size 600mm x</p> <p>600mm x</p> <p>6.0mm by</p> <p>embodying 3 to</p> <p>4 mtr. below the</p> <p>ground level</p> <p>with 20 mm dia.</p> <p>G.I. 'B' class</p> <p>watering Pipe</p> <p>,including all</p> <p>accessories like</p> <p>nut, bolts,</p> <p>reducer, nipple,</p> <p>wire meshed</p> <p>funnel, and</p> <p>Heavy duty</p> <p>weather proof</p> <p>poly-propylene</p> <p>earth pit</p> <p>chamber with</p> <p>lockable Jam</p> <p>free lid suitable</p> <p>for safe working</p> <p>load 5000 Kg or</p> <p>more of size</p> <p>Top Dia. 225 to</p> <p>260 mm, Bottom</p> <p>Dia 300 to 350</p> <p>mm. and Height</p> <p>250 to 300 mm.</p> <p>and embodying</p> <p>the pipe</p> <p>complete with</p> <p>alternate layers</p> <p>salt and coke/</p> <p>charcoal, testing</p> <p>of earth</p> <p>resistance for</p> <p>value of 5 ohms</p> <p>or less as</p> <p>required & must</p> <p>record by</p> <p>engineer in</p> <p>charge during</p> <p>site visit and</p> <p>ensure to enter</p> <p>in measurment</p> <p>book.All as per</p> <p>pre approved by</p> <p>Engineer in</p> <p>charge. For</p> <p>additional</p> <p>technical</p> <p>parameters of</p> <p>products/ work ,</p> <p>refer Annexure</p> <p>"A" attached</p> <p>with this BSR .</p>
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	0	14	Supply & Laying following size earth wire in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection with GI/Cu purity purity >95% thimble etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	0	0	14.6
Mtr.	35.0		8 SWG G.I. (20.0 Hot Dipped) Wire	20.0	700	14.6.8

	0	15	Providing & Fixing of BEE Star rated copper wounded double ball bearing capacitor start, aluminium body & Metallic blade ceiling fan Conforming to all the performance requirements laid down in IS 374:2019 including all amendments, as applicable ; & Carry BIS licensing (i.e. ISI marking) with down rod up to 80 cm with secondary support safety cable (steel rope) , cotter pin with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	0	0	15.7
Each	12.0		1200 mm Sweep BEE 1 Star rated (service value >=4.0 to < 4.5)	1890.0	22680	15.7.1

Providing & Fixing
 of IP20 SMD Mid
 Power LED batten
 type integrated
 light fixture made
 from Powder
 coated Extruded
 aluminium
 housing with in
 built driver ,
 System lumen
 efficacy ≥ 110
 lm/Watt output,
 internal surge
 protection of 2.5
 KV with Short &
 Open circuit
 protection , THD <
 10% , P. F. ≥ 0.95 ,
 CRI >80 , life time
 of minimum
 50000 Burning
 Hours with , 70%
 of initial Lumen
 maintained till life
 ends , CCT
 3000°K / 4000°K /
 5700°K
 /6000°K/6500°K
 (As per ANSI Bin)
 , Maximum power
 consumption
 should not more
 than the specified
 rating and Fixture
 shall be of BIS
 standard and
 trade mark
 certificate (T.C.).
 Manufactures
 Word Mark/ Name
 Engraved/
 Embossing/
 Screen printing on
 housing. OEM
 must have its own
 in house NABL
 lab setup for all
 testing facilities
 for LED fixtures.
 (LM79 & LM80)
 certificate / Report
 from OEM shall
 be submitted. All
 as per pre
 approved by
 Engineer in
 charge. For
 additional
 technical
 parameters of
 products/ work ,
 refer Annexure
 "A" attached with
 this BSR .

Each	78.0	1170mm(+/-10%) LED batten with min. lumen output 2200 lm	492.0 38376	17.1.1
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0

17

Providing & 0
Fixing of 240/415
V AC MCB with
positive isolation
of 10 kA breaking
capacity (B/ C/D
tripping
characteristic as
per type of load
and site
requirement) 4
KV impulse
withstand
voltage, ISI
marked IS
8828(1996) /
conforming to
IEC 60898-1
2002, IEC
60947-2, low watt
losses, trip free
mechanism ,
energy limiting of
class 3 as per
IEC, minimum
phase
termination
capacity of
35sq.mm. ,
conductor line
load reversibility ,
IP 20 contact
protection and
fitted in existing
distribution
board/sheets,
minimum
electrical
operation 20,000
upto 20 A rating
and 10,000 upto
63 A, 5000 for 80
A & above rating
including making
connections,
testing etc. as
required. OEM
shall have submit
NABL / CPRI /
ERDA
accredited lab
type test reports
& All as per pre
approved by
Engineer in
charge. For
additional
technical
parameters of
product / work
refer Annexure
'A' attached with
this BSR

0

6.1

	0	Single pole MCB (With B/C curve tripping Characteristics)	0	0	6.1.1
Each	88.0	6 A to 32 A rating	187.0	16456	6.1.1.2
	0	Double pole MCB(With B/C curve tripping Characteristics)	0	0	6.1.2
Each	35.0	50/63 A rating	900.0	31500	6.1.2.4

0	18	Providing & Fixing of Recessed/surface mounting heavy duty horizontal type Double Door (Metal / Glazed)Distribution board with Metal end box made out from Galvanized steel / CRCA sheet not less then 1.2 mm thick conforming to IS-8623-1 & 3 / IEC 61439- 1 & 3, powder painted complete with reversible door (for double door DB only)100 amp. insulated copper bus bar/shorting link , copper neutral link, copper earth link , color coded interconnecting wire set of suitable rating and din bar,masking sheet, making internal DB terminations with copper lugs, Ferrules, detachable gland plate, including making connections, testing etc. as required. OEM shall have submit NABL / CPRI / ERDA accredited lab type test reports & All as per pre approved by Engineer in charge. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR	0	0	6.1
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	0	Metal door (single phase) IK-09 and IP-43 with Metal end box	0	0	6.10.1
Each	25.0	8 Way (8+2)	2184.0	54600	6.10.1.3
	0	<u>Extra Items</u>	0	0	
		<u>(With Premium)</u>			
		Grand Total		1102894	
		Rs.			
		Tender Premium @ 2.50%	2.50%	-27572	
NIL		Sum of Extra Items (including Tender Premium) (See on Left)			
		Rs.			
		Payable Amount Rs.		1075322	