

**Item No :- 6**

**Providing and Spreading RUBBLE SOLING in 20 TO 23 CM Thick layers including hand packing and compacting, Royalty Charges Etc completed**

**1.0 MATERIAL & WORKMANSHIP:**

1. The rubble stones shall be black / dark grey in colour, shall be hard, tough, sound durable and of close texture, free from cracks and it shall be obtained from the approved quarries.
2. The rubble obtained from the top surface of the quarry is soft one and hence such soft variety shall not be accepted. All unsound weathered or disintegrated stones obtained from the upper portion of the quarry shall be rejected.
3. The quarry shall be well protected shall be dug by removing all the katcha and weathered stuff till approved quality of materials is available.
4. The length and breadth shall not exceed 1/t (f .2) times the thickness of the stones.
5. The rubble stacks shall be made on a fairly level ground and stacks shall be so made that rubble stones are stacked as close as possible so as to leave no excessive voids and no hollows are left out.
6. The tendency to prepare the stacks by keeping excessive voids or keeping hollow places shall not be tolerated.
7. The stacks shall be uniform in length and breadth and top portion shall be in level so that height at any point is uniform.
- B. All the stacks shall be of standard dimensions which shall be prescribed by the Executive Engineer deduction for voids shall not be made.
9. The rubble shall be got approved by the Executive engineer prior to collector on site or otherwise it is liable to rejection for which no claim shall be entertained.
10. The contractor shall maintain all stacks in regular and proper sizes till the whole material is collected Measured and finally accepted by the department. 15 percent spalls will be allowed for filling in interstices.
11. The rubble shall be stacked in quantities as per hectometer wise requirement as directed by the Executive Engineer or his agent.
12. Stacks shall be made as per actual requirements and any material in excess shall have to be transported by the contractor at the places directed by the Executive Engineer at the risk and cost of the contractor.

**Spreading of Rubble:**

Rubble shall not be spread without permission of the Engineer-in-charge. Rubble should be spread under careful supervision by trained coolies. Contractor shall see the uniform spreading as per collection of rubble is done. The contractor shall spread the rubble fully from the stacks without keeping any balance unless directed by the Engineer-in-charge to keep some stack in

balance for making good unevenness or depressions during rolling works. To ensure that the material is spread to the required thickness, the road surface shall be marked out in to length over which the contents of heaps are to be spread. The bounds of earth or murrum (one on either side) shall be laid with a distance between them equal to the width of road to be rubble and shall be enough to prevent the loose metal from spreading during consolidation as well as to retain water used for consolidation. Payment for bunds will be made in the respective item.

2.0 The rubble (including old rubble) shall be screened and rubbish, dust, grass shall be removed and spread evenly on the prepared surface in grade and camber by using board etc. so as ensure that the surface is true to camber and grade. At least two camber by using camber boards shall be in use at site. The surface shall be checked at every 50 ft. by means of template while the correctness of the camber in between shall be tested by string corrected as required. Between the straight lengths and the curves in camber of road to super elevation shall be made very gradually as may be directed by the Engineer-in-charge.

3.0 The spreading of rubble shall proceed only 200 meter (max.) advance of the rolling operations. The collection and spreading of the metal shall be carried out in one and the same kilometer.

4.0 At the time of rolling all surface irregularities, hollows, depressions, humps etc. shall be straight. The spreading of metal the above operations with all lead and lift except consolidation.

5.0 Spreading of materials shall be started after the full supply in a particular Km. is collected, measured and recorded in the measurement books. Permission of the Engineer-in-charge shall be obtained before spreading. It shall be seen that the formation is dressed to the required camber and grade. Murrum is to be spread over the method surface then the spreading shall uniform and as it's has to act as binding surface, it shall be used for filling the interstices of rubble and forming a smooth running surface as far as possible. Murrum blindage shall be spread evenly with a twisting motion of the baskets. No more murrum shall be used then specified as blindage. The rate is for gross measurements and no deduction of voids shall be made. Murrum is to be spread over earthen embankment as a sub-base or for side shoulders or as blindage; it shall be spread in a manner as directed by the Engineer-in-charge and as per required width and thickness. The contractor shall make good all unevenness, depression, projections etc, during consolidation work.

### **Rolling, watering & consolidation**

Immediately following the spreading of the rubble rolling shall be with three wheeled power rollers of 8 to 10 tonne capacity or tandem roller or equivalent vibratory roller. The weight of the roller shall depend upon the types of the rubble and be indicated by Engineer-in-charge.

2.0 Except on super elevated portions where the rolling shall proceed from inner edge to outer, rolling shall begin from the edges gradually

progressing towards the centre. First the edge/edges shall be compacted with roller running forward and backward. The roller shall then move inwards parallel to centre line of the road, in successive passes uniformly lapping proceeding by at least one half the width.

- 3.0 Rolling shall continue until the aggregate is thoroughly keyed and the creeping of the aggregate ahead of the roller is no longer, visible. During rolling slight sprinkling of water may be done, if necessary: Rolling shall not be done when the sub-grade is soft or yielding or when it causes a wave like motion in the sub-grade or sub-base course.
- 4.0 The rolled surface shall be checked transversely and longitudinal with templates and any irregularities corrected by loosening the surface, adding or removing necessary amounts of aggregate and re-rolling until, the entire surface conforms to desired camber and grade. In no case shall the use of screening be permitted to make up depression.
- 5.0 The blindage material where it is required to be used shall be applied successively in two or more thin layers at a slow and uniform rate. After each application, the surface shall be copiously sprinkled with water shall be resulting slurry swept in with hand brooms or mechanical brooms to fill the voids properly and rolled, during which water shall be applied to the wheels of the rollers if necessary to wash down the binding material sticking to them. These operations shall continue until the resulting slurry after filling of voids, forms a wave ahead of the moving roller.
- 6.0 After the final compaction of rubble course the road shall be allowed to dry overnight. Next morning hungry spots shall be filled screenings of binding materials as directed, lightly sprinkled with water if necessary and rolled. No traffic shall be, allowed on the road until rubble has set. The Engineer-in-charge shall have the discretion to stop hauling traffic from using the rubble has set. The Engineer-in-charge shall have the discretion damage to the surface.

**1.0. MODE OF MEASUREMENT AND PAYMENT :**

- 1.0 Payment will be made on cum basis of the finished work and shall include cost of rubble, murrum, watering, rent of machinery cost fuel, wages of drivers and cleaners and murrum bund etc. Rate of this item includes all these operation including consolidation.

**Deputy Executive Engineer  
PIU, Surendranagar**

**Executive Engineer  
PIU, Surendranagar**

**Item No: 7**

Provdg & laying cement concrete 1:3:6 (1 cement: 3 fine sand: 6 graded stone aggregate 20 mm nominal size) and curing complete, excluding cost of form work in Foundation and plinth.  
(A) Foundation and plinth

**1.0 Material and Workmanship:**

The relevant specifications of item no 5.4.1 shall be followed for controlled concrete work as specified in item for CC 1:3:6 and relevant specifications of item no 9.1 (H) (1) Sr No-1 & 9.7 shall be followed for the formwork and centering work.

**2.0 Mode of measurements and payments**

2.1 The relevant specification of item no 5.4.1 shall be followed except that the item includes the cost of formwork and centering work for any cross sectional area.

The rate shall be for a unit of one cubic meter.

Mode of Measurement: on Cubic Metre basis.

Mode of Payment: on Cubic Metre basis.

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item No: 10-11-12**

Providing & laying controlled cement concrete M-250 with curing etc. complete incl. the cost of form work but excluding the cost of reinforcement for R.C.C. work.

M-250 for Foundation Footing and Column up to Ground/Plinth Beam.

M-250 For Plinth/Ground Beam

**1.0 Material and Workmanship:**

The relevant specifications of item no 5.8.3 shall be followed for controlled concrete work as specified in item for M-250 and relevant specifications of item no 9.1 and 9.7 shall be followed for the formwork and centering work.

**2.0 Mode of measurements and payments**

2.1 The relevant specification of item no 5.8.1 shall be followed except that the item includes the cost of formwork and centering work for any cross sectional area.

2.2.1 The rate shall be for a unit of one cubic meter.

Mode of Measurement: on Cubic Metre basis.

Mode of Payment: on Cubic Metre basis.

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item no: - 13-14-15-16-17-18-19**

Providing & laying controlled cement concrete M-200 with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C. work at

(A) Column(B) Beam, Lintel, Chajja('C) Slab, Shelves(D) Stair Case

**1.0 Material and Workmanship:**

The relevant specifications of item no 5.8.1& 5.4.13 shall be followed for controlled concrete work as specified in item for M-200 and relevant specifications of item no 9.1 and 9.7 shall be followed for the formwork and centering work.

**2.0 Mode of measurements and payments**

2.1 The relevant specification of item no 5.8.1 shall be followed except that the item includes the cost of formwork and centering work for any cross sectional area.

The rate shall be for a unit of one Cubic Metre.

Mode of Measurement: on Cubic Metre basis.

Mode of Payment: on Cubic Metre basis.

**Deputy Executive Engineer  
PIU, Surendranagar**

**Executive Engineer  
PIU, Surendranagar**

**Item No.: 23**

Providing and fixing Colour Anodized aluminium work for doors, windows, ventilators and partitions (Sliding window like Two Track, Three Track, Four Track, fix window/ Openable window / Fix-Partition, etc),with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, fixture like aldrop, handle, hinges / pivots & window Bearings & concealed lock etc all complete at all floors/all levels/all heights as per architectural drawings and the directions of Engineer-in-charge.

**1.1 MATERIAL**

Aluminum standard section

Aluminum alloy used in the manufacture of extruded Door section shall confirm to I S designation HEA-WP of I S 733-1975 and also Designation WVG –WP of I S 1285-1975 section shall be as specified in the drawing and design.

All sections shall be Free from any scratches or holes or any damages on surface. All section shall have finished luster surface on all sides

1.1.1 size of outer frame shall be of Banko Alu. Ltd. 44.5 x 101.6 x 1.65 mm size having minimum wt. 1.30 Kg per meter

1.1.2. The size of top member shall be of Banko Alu. Ltd. 44.50 mm x 47.50 mm having minimum wt 1.14 Kg per meter

1.1.3. The size of the bottom rail and lock rail shall be of Banko Alu. Ltd. 114 mm x 44 .50 mm x 2.5 mm having minimum weight 1.707 kg per meter

**1.2 Fixtures****1.2.1 Handles**

8" size aluminum handles shall be of S. Kumar American Co. free from any scratches or holes or any damages on surface. and shall have finished luster surface on all sides

**1.2.2 Bolts**

All bolts shall be of approved make. shall be free from any scratches or holes or any damages on surface. and shall have finished luster surface on all sides

**1.2.4 Lock**

Lock shall be brass 4 lever of Godrej Co. free from any scratches or holes or any damages on surface. and shall have finished luster surface on all sides.

**1.2.5 Stoppers**

6" (Sixinch)aluminum stopper shall be Glider Co. free from any scratches or holes or any damages on surface and shall have finished luster surface on all sides.

### **1.3 WORKMANSHIP**

The Work of aluminum door shall be done with extreme finishing. The particle board shall be fixed in the bottom panel and glass shall be fitted on top panel as directed by Engineer in charge using glazing clips and rubber gaskets as required. All the fixtures and fastenings shall be fitted at right place and as directed by Engineer in charge. Floor spring shall be fitted properly so as to align the door properly and shall be given trial of opening and closing properly.

### **1.4 Mode of Measurement &Payment:**

1.4.1. The unit rate of aluminum door shall include the cost of all materials, cost of anodizing, cost of all necessary fixtures and fastenings, labour charges for fixing frames, doors and fixing the door in wall at the place shown in drawing and as instructed by Engineer in charge, all tools and plant required for assembling and fixing in position, finishing as per direction of the Engineer-in-charge, and all other incidental expenses for preparing door frame and shutter of specified size to complete the door structure or its components as shown on the drawings and according to these specifications. They shall also include the cost of making, fixing and making walls good by plaster patch colour etc as required

1.5.2. The door shall be measured for its width and height, limiting dimensions to those specified on plan or as directed.

1.5.3. The rate shall be for a unit of one Kg.

**Dy. Executive Engineer**  
P.I.U., Surendranagar

**Executive Engineer**  
P.I.U., Surendranagar



**Item No.: 24**

Providing and fixing 5 mm thick ground glass (Frosted or obscured on one side) & (PIU approved brand list) fix in aluminium door, window, ventilator shutters and partitions any size, any shape etc. P & F with EPDM/ PVC rubber gasket etc all complete at all floors/all levels/all heights as per the architectural drawings and the directions of Engineer-in-Charge. Actual laying installed glass shall be measured (Cost of aluminium snap beading shall be paid in basic item)els/all heights as per architectural drawings and the directions of Engineer-in-charge.

**1.2 MATERIAL****1.3 Ground glass (frosted or obscured on one side)**

The ground glass shall be of approved make having thickness of 5 mm. The glass shall be clear and free from scratches and cracks. The glass shall be provided on the top and should be a frosted or obscured on one side.

**1.4 WORKMANSHIP**

The Work of Ground Glass shall be done with finishing. The particle board shall be fixed in the bottom panel and glass shall be fitted on top panel as directed by Engineer in charge using glazing clips and rubber gaskets as required. All the fixtures and fastenings shall be fitted at right place and as directed by Engineer in charge. Floor spring shall be fitted properly so as to align the door properly and shall be given trial of opening and closing properly.

**1.5 Mode of Measurement &Payment:**

1.5.1. The unit rate of aluminum door – Window – Ventilation shall include the cost of all materials, cost of all necessary fixtures and fastenings, labour charges for fixing frames, doors and fixing the door in wall at the place shown in drawing and as instructed by Engineer in charge, all tools and plant required for assembling and fixing in position, finishing as per direction of the Engineer-in-charge, and all other incidental expenses for preparing door frame and shutter of specified size to complete the door structure or its components as shown on the drawings and according to these specifications. They shall also include the cost of making, fixing and making walls good by plaster patch colour etc as required

1.5.2. The door shall be measured for its width and height, limiting dimensions to those specified on plan or as directed.

1.5.3. The rate shall be for a unit of one Square Meter.

**Dy. Executive Engineer**  
P.I.U., Surendranagar

**Executive Engineer**  
P.I.U., Surendranagar

**Item No.: 25**

Providing and fixing 5 mm thick both side laminated compact sheet selected quality (PIU approved brand list) fix in aluminium door, window, ventilator shutters and partitions any size, any shape etc. P & F with EPDM/ PVC rubber gasket etc all complete at all floors/all levels/all heights as per the architectural drawings and the directions of Engineer-in-Charge. Actual laying installed sheet shall be measured (Cost of aluminium snap beading shall be paid in basic item)

**1.2 MATERIAL****1.2.1 Laminated compact sheet**

Particle board sheet should be laminated both side. Laminated sheet shall be of Greenlam Industries Ltd., 1.5 mm thickness and of approved make. Particle board shall be free from any scratches or holes or any damages on surface and shall have finished.

**1.3 WORKMANSHIP**

The Work of aluminum door shall be done with extreme finishing. The particle board shall be fixed in the bottom panel and glass shall be fitted on top panel as directed by Engineer in charge using glazing clips and rubber gaskets as required. All the fixtures and fastenings shall be fitted at right place and as directed by Engineer in charge. Floor spring shall be fitted properly so as to align the door properly and shall be given trial of opening and closing properly.

**1.4 Mode of Measurement & Payment:**

1.5.1. The unit rate of aluminum door shall include the cost of all materials, cost of all necessary fixtures and fastenings, labour charges for fixing frames, doors and fixing the door in wall at the place shown in drawing and as instructed by Engineer in charge, all tools and plant required for assembling and fixing in position, finishing as per direction of the Engineer-in-charge, and all other incidental expenses for preparing door frame and shutter of specified size to complete the door structure or its components as shown on the drawings and according to these specifications. They shall also include the cost of making, fixing and making walls good by plaster patch colour etc as required

1.5.2. The door shall be measured for its width and height, limiting dimensions to those specified on plan or as directed.

1.5.3. The rate shall be for a unit of one Kg.

**Dy. Executive Engineer**  
P.I.U., Surendranagar

**Executive Engineer**  
P.I.U., Surendranagar

**Item no:- 30**

Providing and fixing bright finish brass hydraulic door closer of approved model and make with necessary accessories and screw etc. complete as per direction of engineer in charges. Hardwyn godrej.

**Materials:**

Hydraulic door closer shall be of approved make and quality.

**Workmanship:**

As per Section -12 Building Hardware page no 77

**Mode of measurement and payment:**

Measurement will be: on No. basis

Payment will be made: on No. basis

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item no :- 38**

**Providing, fixing and construction of sand witch type platform of 18 mm thick BLACK Granite (TELIPHONE) polished stone top, 100 mm wide edge moulded Facia Patti with 25mm thick prepolished Kota stone of uniform size and colour for bottom & supports at 75 cm interval including necessary cement mortar 1:2 Kota shall be fixed in cement joints and pointing as specified in Kitchen / Pantry / Counter / Laboratory etc with necessary making of edges, polishing curing daily mopping with water and kerosene etc comp as directed of Engineer-in-charge.(Measured only vision finished top plan area)**

Specification in general for Granite stone shall be as per item no. M-52 and Kota stone shall be as per item no. M-49 page no 16 & 17 of Standard Specification booklet for building works.

Necessary groove shall be made in wall polish Kota stone fixing bottom will be first laid in lintel & level on vertical partition. Cement mortar 1:2 (1 cement : 2 sand) shall be laid on Polished Kota Stone and Polished 18 mm th Granite Stone facing top shall be laid on top in line and level. 100 mm high facia of Granite stone shall be fixed with cement and solution Araldite etc.

Necessary cut for sink shall be left while laying polished Granite & Kota stone.

Edges & corners of stone shall be made round by cutting as directed. Groove made in wall shall be made good and finished with white cement mixed with pigment to match with colour of stone.

Work includes cost of materials and labour with mirror polishing complete.

Measurement shall be taken for visible top plan area finished dimensions in length and width and shall be paid for a unit of 1 Sq.M.

Rate shall be paid for a unit of 1 Sq.M for visible top plan area.

Mode of Payment: on Sq.M basis.

**Deputy Executive Engineer  
PIU Surendranagar**

**Executive Engineer  
PIU, Surendranagar**

**Item no: - 39**

Providing and fixing 25mm thick polish kota stone shelves below platform, in store or in cupboards including fixing in position front edge machine cut polishing etc. complete.

Pre polished on both faces kota stone slab 25mm thick shall be approved quality size and specification in general for Kota stone shall be as per Item no. M-49, Page 16 of standards specification booklet for building works.

Polished Kota stones are approved size shall be machine cut at front side with necessary groove shall be made in wall and polish Kota stone shall be laid in line and level. Polish Kota stone shelves shall be fixed in cement mortar 1:3 (1 cement: 3 coarse sand) size of the polished Kota stone shall be obtained as per the site measurement.

Necessary polishing shall be done to polish Kota stone top and sides and as directed by Engineer-in-charge. Outer edges of stone shall be made round by polishing as directed groove made in wall shall be made good & fixed with white cement mixed with pigments to match with colour and stone.

Work includes cost of materials and labour with polishing complete.

**Measurement** shall be taken for visible finished dimensions in length and width and shall be paid for a unit of 1 Sq.M.

Mode of Measurement: on Sq.M basis.

Mode of Payment: on Sq.M basis.

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item no: - 56**

Providing and fixing (600 mm X 450 mm X 200 mm) size vitreous china laboratory sink (HINDWARE, SONA, CERA brand of approved quality) with CI or MS brackets painted white including cutting holes in wall and making good the same including providing and fixing 40mm dia CP waste coupling rails providing fixing PVC waste pipe etc. comp as approved by the Engineer in charge.

The white glazed earthenware laboratory sink(HINDWARE, SONA, CERA brand of approved quality) shall be 600 x 450 x 150 mm of best quality and make as approved by the Engineer-in-charge.

**Workmanship:**

The specification for this item shall be followed as per Item no 23.127, 21.135(A), 21.136 (B)/ Page no 148 & 149 of GTS booklet for building works.

The rate shall be for a unit of one number basis.

Mode of measurement: on No basis

Mode of Payment: on No basis

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item No. : 59**

**Providing and fixing brass chromium plated surgical handle cock of approved size 15 mm dia.etc complete.**

**Materials and Workmanship :**

The work shall be carried out as per Item No. 23.92(A) of SOR except that CP Surgical handle cock of approved make shall be used in place of bib tap.

**Mode of Measurement and Payment:**

As per Item No. 23.92(A) of SOR

Mode of measurement: On No. basis

Mode of Payment: On No. basis

**Deputy Executive Engineer  
PIU, Surendranagar**

**Executive Engineer  
PIU, Surendranagar**

**Item no :- 66**

Providing and fixing 3mm thick PVC sheets as signage and display of health signs/information of required size having retro reflective letters/design as per requirement, fixing the same through approved adhesive etc. complete, work shall be carried out as per instruction of engineer-in-charge. (Approved make PVC foamed sheets only)(45 x 15 cms)

**Materials:**

Approved 3mm thick PVC sheets specified manufacturer

**Workmanship:**

The PVC signage of 3mm thick of 45cms x 15 cms shall be prepared. Various signage and letters shall be prepared on these sheets by using retro reflective colour as per instruction of Engineer-in-charge. The work shall be carried out in best workman like manner as directed by Engineer-in-charge.

**Mode of Measurement and Payment:**

The rate includes for all labour, materials, tools and equipment required to complete the work in satisfactory manner.

The rate shall be for a unit of one number.

Mode of measurement: on No basis

Mode of Payment: on No basis

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**



**Item No: - 71**

Constructing a soak pit of 3.00 m in out side diameter & 3.00 m deep of excavation any type soil with 0.23 m thick honey comb brick masonry wall in cement mortar 1:6 (1 cement: 6 Sand) also 0.50 m solid at top & Bottom wall based on 0.10 cm thick CC 1:4:8 (1 cement : 4 coarse sand : 8 hand broken stone aggregate 40mm nominal size) & R.C.C. top slab 0.12 m thick in CC 1:2:4 including cost of form work as per reinforcement detail drawings also 15 mm thick cement plaster in CM 1:4 with floating coat of neat cement slurry on top and around pit below 15 cm on ground level etc comp as directed by Engineer -in-charge.

**Materials:**

The mortar shall confirm to M-11, the brick shall confirm to M-20, Stone aggregate shall confirm to M-12, the brickbats shall confirm to M-14, TMT bar shall confirm to M-19. The CI pipes and fitting shall confirm to M-p14. The CI cover shall confirm to IS: 1725. The cover shall be of best foundry grey meal, tough and close grained. The sample of the cover shall be got approved from Engineer-in-charge

**Workmanship:**

The relevant specification of Chapter no-4, Sr no:-1 & 2 shall be followed for excavation.

The relevant specification for lean concrete, RCC work, Form work, reinforcement, masonry work and plaster work shall be followed respectively items as specified in the GTS book.

**Mode of Measurement and Payment:**

The rate includes cost of all labour and materials required for satisfactory completion of this item as described above.

The rate shall be for a unit of one number.

Mode of measurement: on No basis

Mode of Payment: on No basis

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**

**Item no:- 72**

Providing and laying machine cut moulded edges machine polished Granite stone for shelves/sill/jam in walls in single piece 18 mm thick including cutting grooves in walls and fixing the stone with cement mortar 1:4 and finishing the same with neat cement slurry in true line and level as directed . etc. complete. (All Open edges should be full round polished)

18 mm thick green Granite stone polished shall be of approved size in length and width. Single Pieces in length shall be as per window size for cladding or as directed by Engineer-in-charge.

Specification in general for Granite stone shall be as per item no. M-51 of Standard Specification booklet for building works.

Edges & corners of Granite stone shall be made rounded or as directed. Groove made in wall shall be made good and finished with white cement mixed with pigment to match with colour of stone. Marble cladding laid on 10 mm thick Cement mortar 1:3 (1 cement : 3 coarse sand)

Work includes cost of materials and labour with polishing complete.

Measurement shall be taken for visible area of finished dimensions in length and width and shall be paid for a unit of 1 Sq.M.

Rate shall be paid for a unit of 1 Sq.M

Mode of Payment: on Sq.M basis.

**Deputy Executive Engineer**  
**PIU, Surendranagar**

**Executive Engineer**  
**PIU, Surendranagar**