

GOVERNMENT OF KERALA

<u>Abstract</u>

Local Self Government Department - MGNREGS - Revised Guidelines for the implementation in Forest Areas through Convergence - Approved - Orders issued. LSG(DD)DEPARTMENT

G.O.(Ms)No. 218/2017/LSGD Dated, Thiruvananthapuram, 07/11/2017

- Read: 1 GO (Ms) No. 126/2007/LSGD Dated 7.5.2007
 - 2 GO (Ms) No. 214/2008/LSGD Dated 28.7.2008
 - 3 Letter No.1926/EGS C/2014/REGS dated 23.01.2017

<u>ORDER</u>

Mahatma Gandhi National Rural Employment Guarantee Act is implemented in the entire State from 2008 onwards. Since the State is endowed with vast areas of degraded forests, it is desirable to carry out forest development as well as eco-restoration activities under the provisions of the Act.

2. In order to streamline the implementation of the National Rural Employment Guarantee Scheme (NREGS) in forest areas, guidelines were issued as per the Government Order read as first paper above. The existing guidelines demands revision as the Schedule I and II of the Act were amended by Government of India which enhanced the scope of permissible works under the scheme. As per the letter read above, the Mission Director(MGNREGS) submitted draft revised guidelines prepared with concerted effort of MGNREGS State Mission and Forest and Wild Life Department by including the newly permissible works that can be taken up under Mahatma Gandhi NREGA in forest areas.

3. Government have examined the matter in detail and are pleased to issue the revised guidelines for streamlining the implementation of Mahatma Gandhi NREGA in forest areas as appended to this order. The wage rate of MGNREGA shall be Rs 258/- per day for 2017-2018 and the wages approved by Central Government in this regard shall be made applicable as and when revised in future.

By order of the Governor MINIMOL ABRAHAM ADDITIONAL SECRETARY

To:- 1. The Mission Director(MGNREGS)
2. Principal Chief Conservation of Forests
3. Principal Accountant General(Audit/A&E), Kerala, Thiruvananthapuram.
4. F&WL(D)Department(D1/2013/2017/F&WD)

File No.LSGD-DD2/36/2017-LSGD

5.Director(Information Kerala Mission) 6.Sock File/Office Copy

Forwarded/By order

Section officer

<u>Guideline for implementing Mahatma Gandhi NREGA in convergence with</u> <u>Department of Forest and Wild Life</u>

- 1. All out efforts should be taken by the District Panchayat, Block Panchayat, Grama Panchayat, DPC, Forest officials; JPC, BPO and GP Secretary that the entire forest dwellers who are interested to participate in Mahatma Gandhi NREGA works are given all out support to register with the Grama Panchayats and obtain a job card.
- 2. Only works in harmony with the approved Working Plan/Management Plan shall be taken up in the forest areas.
- 3. The Amended Schedule I & II of the Mahatma Gandhi NREGA stipulate four categories of work. The works that can be taken up in each category is as follows: -

Category A:- Public Works Relating to Natural Resources Management

i) Water Conservation a.Earthen Dams b.Check Dams c.Rain Water Pits d.Percolation Tanks e.Spring shed Development

- ii) Watershed Management a.Contour Bunds b.Contour Trenches c.Boulder Checks d.Contour Stone wall e.Terracing
- iii) Irrigation

 a.Renovation of drains
 b.Formation of new drains
- iv) Traditional Water Bodies a.De-siltation of existing ponds

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b.Renovation of existing ponds c.Construction of new ponds

v) Afforestation

a.Planting trees in forest areas b.Avenue Plantations c.Nursery raising

vi)Land Development

Category D: - Rural Infrastructure

i) Rural sanitation

a.Individual Household Latrines (IHHL)

b.Compost Pits

c.School Toilets

d.Anganwadi Toilets

ii) Road connectivity

- a. Up gradation of forest roads to tribal hamlets including chappath, culverts and causeway
- iii) Play Grounds

a.Anganwadi Centres (AWC)

b.Buildings for SHGs of VSS

- iv) Production of building material required for construction works under the Act as a part of the estimate of such construction works.
- 4. The Vana Samrakshana Samithies (VSS5) and Eco- evelopment Committees (EDCs) will prepare the project/micro plan (List of works). The project/micro plans so prepared will be consolidated and sent to the Grama Panchayat through the Range Forest Officer concerned.
- 5. The Grama Panchayat will then place it before the Grama Sabha and after its clearance, will approve it as part of the Shelf of Project for Mahatma Gandhi NREGS.
- 6. Estimates of all forestry works in the micro plan under Mahatma Gandhi NREGS

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will be prepared by the Range Forest Officer and sent to Grama Panchayat for issuing Administrative Sanction. For preparation of estimate on civil works in forest areas under the MNREGS, technical expertise of engineering wing under the auspices of the concerned Grama Panchayat shall be utilized.

7. Formalized FSR data applicable to Mahatma Gandhi NREGS Man/Woman Workers for Forestry works, NREGS Standardized data for Civil Works in forest areas and model estimates for civil works are appended as Annexure I and II(a) and II(b) to this order.(The model estimates are prepared in the pre-revised wage rage of Rs.240) The officers in various districts can prepare civil work estimates by using the appropriate item code applicable for the district in column 2 of the model estimate in the software provided for this burpose. Mahatma Gandhi NREGA standardized data include the data exclusively developed for MGNREGA, suitable data in the CPWD, Observed data of Kerala PWD, Irrigation etc. In case, the data for an activity is not found, the Panchayat can develop an Observed Data as per GO (Rt) No. 1640/16/LSGD Dated 10.5.2016

8. The estimates with all details shall get sanctions through the SECURE Soft.

- 9. The Forest Schedule of Rates (FSR) will be applied for preparation of estimates of forestry works and Mahatma Gandhi NREGA standardized data with Local Market Rates (LMR) will be used for civil works in forest areas. The FSR will be the additional activity master for forestry works in the SECURE Soft.
- 10. The forest areas are classified as ordinary and difficult areas for the purpose of forestry works. This classification will be applicable to forestry works of Mahatma Gandhi NREGS also.
- 11. The prevailing wage rate for an unskilled Mazdoor under FSR is Rs.290 plus VDA in ordinary area and Rs.330 plus VDA in difficult area.
- 12. The payment of wages will be limited to Rs.258 per day which is the unskilled wage rate notified for the State for 2017-18. The unskilled wage rate notified by Government of India annually will be applicable as unskilled wage rate for each year.
- 13. The Grama Panchayat will accord Administrative Sanction for individual works

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The Panchayat and Forest Department shall ensure that Administrative Sanction and Technical Sanctions are accorded to as many works as possible to meet the full estimated demand for works.

- 19. The tools and implements required for the work can be brought by the workers themselves for which they are eligible for sharpening charges which will be met from the material component of Mahatma Gandhi NREGA. In case, the workers are not bringing the tools and implements, the same can be provided through the VSS/EDC. In such cases, the tools and implements shall be purchased by the Panchayat concerned, based on the requirement furnished by the Forest Department and scrutinized by the Panchayat Level Technical Committee for Forestry Works. The expenditure for the one time purchase of tools and implements may be met from the funds for General Purpose Grant, Development Funds or own funds. The tools and implements so purchased shall be handed over to the VSS/EDC. VSS/EDC would rent out the tools to the workers. The VSS/EDC may charge rent (Sharpening charges) at local rates which may be approved by the Grama Panchayat. The rent (Sharpening charges) so collected will be separately accounted for. The expenses for repairs and replacement of tools and implements would be met from the rent (Sharpening Charges) so collected.
- 20. The Beat Forest Officer, Section Forest Officer, Deputy Range Forest Officer and Range Forest Officer will be responsible for the immediate supervision of the forestry works. Implementation of individual projects will be supervised and monitored by VSS/EDC also.
- 21. Vigilance Wing of the Forest Department will inspect the works to ensure that the works are in conformity with Forest Conservation Act; Working Plans etc.
- 22. Measurements will be recorded by the Forest Department subordinate Officers in the measurement Book. The M- Book will be handed over to the Village Panchayat for settlement of bills and safe custody. The Beat Forest Officer of the area will record the measurements in the M Book. The Section Forest Officer/Deputy Range Forest Officer shall authenticate quality and measurements and the Range Forest Officer will check measure the work. All M Books handed over to the Panchayat will be entered in the Electronic M Book (EMB) in the MIS by the data Entry Operator of the Grama Panchayat.

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- Muster Roll for forestry works under MNREGS will be issued by the Grama 23. Panchayat Secretary. The Muster Roll for the work will be maintained by the Beat Forest Officer and certified by the VSSIEDC Chairperson.
- Materials for the works will be purchased by the Grama Panchayat following the 24 existing provisions in the GO referred as second paper above.
- The details of estimates of forestry works and civil works in forest areas taken up 25 under the scheme should be exhibited prominently at the Forest Range Office and Village Panchayat.
- The VSS/EDC shall nominate a volunteer who would be responsible for onsite safe 26. custody of the muster roll, ensuring labour out-turn, arrangement of work site facilities, distribution and collection of implements, checking proper stocking and utilization of materials and verifying payments in case there are more than 50 workers in a work site. The volunteer will also liaise with the Village Panchayat and Forest Department and sort out any operational problem. The Volunteer may be paid semi skilled wages per day for the day in which he/she actually organizes and supervises the work which should not in any case exceed the actual number of days taken for completion of work. The semi skilled wage eligible will be notified later. As far as possible preference would be given to widows, abandoned women and handicapped women in the selection of Volunteers by the VSS/EDC, for every new work a new volunteer may be deployed by the VSS/EDC.
- 27. In case the number of workers is less than 50, one worker whom the VSS/EDC nominates will undertake the work of the Mate. Such worker who executes the services of a Mate will not be eligible for the semi skilled wages.

28. The VSS/EDC shall have the following functions also:

i. Facilitating distribution of Job Cards and opening Savings Bank Accounts of workers;

- ii. Ensuring that maximum women participate in the work;
- iii. Ensuring that maximum Scheduled Tribes participate in the work;
- iv. Ensuring local awareness about the work; and

v. Serving work related notices such as work commencement notices.

29 Work site facilities to be arranged include:

1.Drinking Water facilities with pots and glasses;

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2.First Aid boxes; and

3.Facilities for children below five years- if the number of children is five or more exclusive Ayah would be nominated by the VSS/EDC. Otherwise, the VSS/EDC volunteer in charge of the work will perform this task also.

- 30. The First Aid boxes shall be supplied by Panchayat to the concerned VSS/EDC. The VSS/EDC shall properly take them into stock and issue to the work site. On completion of the work, these should be taken back and reissued to the next work site as required.
- 31. In the case of injuries suffered by any worker as part of his/her work he/she shall be given first aid and if required, treatment at the hospital may be arranged. If hospitalization is required the cost of medicines shall be met from the non-wage component of the scheme. Also 50% of the wage rate shall be provided during the period of hospitalization as per the provisions of Clause 25, Schedule-II of NREGA.
- 32. Since payments have to be made every fortnight, the Panchayat concerned and Forest Department Officers shall ensure proper valuation/measurement of work well in time. Otherwise, the provisions in Para 29 of the Schedule I of the Act will attract.
- 33. Since there is no contractor involved there is no need for an agreement and for this reason there is no need to provide any taxes or contributions.
- 34. Once a forestry work or civil work is started in the forest area, the District Programme Co-ordinator and Mahatma Gandhi NREGA State Mission Director shall ensure uninterrupted flow of funds till the completion of the work, as incomplete work may harm the eco-system.
- 35. Joint efforts will be taken to ensure availability of job card holders for seasonal works. The Grama Panchayats will take this factor into account while preparing labour budget for Mahatma Gandhi NREGS.
- 36. Season specific Forestry works should be completed within a particular season. As the implementation of these works cannot be postponed, the VSS/EDC shall be

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given the freedom to employ local labourers if job card holders fail to turn up for the work. In such cases the expenditure for the portion of works so executed will be met from Forest Department funds.

- 37. Grama Panchayat will give at least three days advance information to the VSS/EDC about the workers who are nominated for a work in the area falling under VSS/EDC.
- 38. The District Programme Co-ordinator, Joint Programme Co-ordinator, Block Programme Officer and Grama Panchayat concerned also can inspect Mahatma Gandhi NREGS works taken up in forest areas.
- 39. Forest offenders will not be engaged for jobs in forest area even if they are job card holders. Details of labor engaged under MNREGS along with physical and financial data shall be provided to the Range Forest Offices where it will be maintained for future reference.

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Ordinary Area = 290 (Rate)+140(VDA) =430 Difficut Area = 334 (Rate)+140(VDA) = 474

Factor for Ordinary Area =430/240= 1.7917 Factor for Difficult Area = 474/240= 1.973

NREGS Wage =Rs.240/-

	ANNEXURE I COS	e algante apresa	1. 948 SQL 11.2. 1	•		
FSR Number	Item of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)	
2	3	4	5	6	7	
(a)	Formation of nursery bed for teak excluding collection of bamboos	Square metre	0.1958 USW	0.3508	. 0.3863	
		Bed (14.4 sq.m.)	-	-	-	
(b)	Sowing Teak Seeds in Nursery beds	Square metre	0.0333 USW	0.0597	0.0657	
		Bed (14.4 sq.m.)	0.4795	0.8596	0.9461	
		Bed (12 Sq.m.)	0.3996	0.7164		
(c)	Aligning and staking (2m x 2m)	One Hectare	2.496 USW	4.4721	4.9246	
			4.938 USW	. 8.8474	9.7427	
(d)	Pulling out Teak seedlings (one year old) and preparation of stumps	100 Stumps	0.2041 USW	0.3657	0.4027	
(e)	Pulling out Teak seedlings (two year old) and preparation of stumps	100 Stumps.	0.2645 USW	0.4739	0.5219	
(1)	Planting of Teak	100 Stumps.	0.2437 USW	0.4366	0.4808	
(g)	Preparation of seed bed Nursery of Eucalyptus	. Square metre	0.0854 USW	0.1530	0.1685	
		Per Bed (14.459 M)	1.2298	2.2032	2.4264	
		Per Bed (12 Sq.m.)	1.0248	1.836	2.022	
	2 (a) (b) (c) (d) (e) (f) (g)	FSR Number Item of Work 2 3 (a) Formation of nursery bed for teak excluding collection of bamboos (b) Sowing Teak Seeds in Nursery beds (b) Sowing Teak Seeds in Nursery beds (c) Aligning and staking (2m x 2m) (d) Pulling out Teak seedlings (one year old) and preparation of stumps (e) Pulling out Teak seedlings (two year old) and preparation of stumps (f) Planting of Teak (g) Preparation of seed bed Nursery of Eucalyptus	2 3 4 (a) Formation of nursery bed for teak excluding collection of bamboos Square metre Bed (14.4 sq.m.) Bed (14.4 sq.m.) Bed (14.4 sq.m.) (b) Sowing Teak Seeds in Nursery beds Square metre Image: Collection of teak excluding collection of bamboos Square metre (b) Sowing Teak Seeds in Nursery beds Square metre Bed (14.4 sq.m.) Bed (14.4 sq.m.) Bed (12 Sq.m.) (c) Aligning and staking (2m x 2m) One Hectare (d) Pulling out Teak seedlings (one year old) and preparation of stumps 100 Stumps (e) Pulling out Teak seedlings (two year old) and preparation of stumps 100 Stumps. (f) Planting of Teak 100 Stumps. 100 Stumps. (g) Preparation of seed bed Nursery of Eucalyptus Square metre Per Bed (14.459 M) Per Bed (14.459 M)	FSR Number Unit FSR Labour Data 2 3 4 5 (a) Formation of nursery bed for teak excluding collection of bamboos Square metre 0.1958 USW (a) Formation of nursery bed for teak excluding collection of bamboos Bed (14.4 sq.m.) 0.1958 USW (b) Sowing Teak Seeds in Nursery beds Square metre 0.0333 USW (b) Sowing Teak Seeds in Nursery beds Bed (14.4 sq.m.) 0.4795 (c) Aligning and staking (2m x 2m) One Hectare 2.496 USW (d) Pulling out Teak seedlings (one year old) and preparation of stumps 100 Stumps 0.2041 USW (e) Pulling out Teak seedlings (two year old) and preparation of stumps 100 Stumps 0.2437 USW (f) Planting of Teak Square metre 0.0854 USW (g) Preparation of seed bed Nursery of Eucalyptus Square metre 0.0854 USW (g) Preparation of seed bed Nursery of Eucalyptus Per Bed (14.459 M) 1.2298	FSR Number Item of Work Unit FSR Labour Data Ordinary Area (NREG MM) 2 3 4 5 6 (a) Formation of nursery bed for teak excluding collection of bamboos Square metre 0.1958 USW 0.3308 (b) Sowing Teak Seeds in Nursery bed's Square metre 0.0333 USW 0.0597 (b) Sowing Teak Seeds in Nursery bed's Square metre 0.0333 USW 0.0597 (c) Algning and staking (2m x 2m) Bed (14.4 sq.m.) 0.4795 0.8596 (c) Aligning and staking (2m x 2m) One Hectare 2.496 USW 4.4721 (d) Pulling out Teak seedlings (one year old) and preparation of stumps 100 Stumps. 0.2041 USW 0.03567 (e) Pulling out Teak seedlings (two year old) and preparation of stumps 100 Stumps. 0.2437 USW 0.43565 (f) Planting of Teak. One paration of stumps 100 Stumps. 0.2437 USW 0.43565 (g) Preparation of seed bed Nursery of Eucalyptus Square metre 0.0854 USW 0.43565 (g) Preparation of see	

SI.No. FSR Number **Ordinary Area** Item of Work **Difficult Area** Unit FSR Labour Data (NREG MM) (NREG MM) 2 1 3 4 5 6 7 Watering Eucalyptus Nursery at the rate of 30 litre per square (Reduced to 2/3) (h) Square metre 0.194 USW 0.3476 0.3828 (Reduced to 2/3) Bed (14.4 Sq.m.) 2.7936 5.0054 5.5123 (Reduced to 2/3) Per Bed (12 Sq.m.) 2.382 4.1712 4.5936 Collection and Sieving of Forest Soil for filling polythene bags (i) Per cubic metre of soil 1.6395 USW 2.9375 3.2347 Per 100 polythene bags 0.1 USW 0.1792 0.1973 Filling polythene bags 12x18 cms x 100 guage thickness and watering to facilitate planting <u>.</u> (j) 100 polythene bags 0.3526 USW 0.6318 0.6957 (K) Pulling out Eucalyptus seedlings from nursery bed and transplanting into polythene bags 100 seedlings 0.1062 USW 0.1903 0.2095 Digging, Planting pits in ordinary forest soil after rains - pits of size 25 x 25 x 25 cm. at a (I) 100 Pits. 0.5312 USW 0.9518 spacing of 2.5 m x 2.5 m 1.0481 (m) Digging pits of dimension 30 x 30 x 30 cms after rains 100 Pits. 0.9229 USW 1.6536 1.8209 Digging pits of dimension 25 x 25 x 25 cms during dry weather (n) 100 Pits. 1.1104 USW 1.9895 2.1908 (0) Digging pits of dimension 30 x 30 x 30 cms during dry weather 100 Pits. 1.8182 USW 3.2577 3.5873 (p) Digging pits in boundery soil of dimension 25 x 25 x 25 cms after rains 100 Pits. 0.66 USW 1.1825 1.3022 Digging pits in bouldery soil of dimension 30 x 30 x 30 cms after rains (q) 100 pits 1.3015 USW 2.3319 2.5679 Digging pits in bouldery soil of dimension 25 x 25 x 25 cms during dry weather 100 pits 1.338 USW 2.3973 2.6399

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SI.No.	FSR Number	Item of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)	
1	2	3	4	5	6	7	
	(s)	Digging pits in bouldery soil of dimension 30 x 30 x 30 cms during dry weather	100 pits	2.5641 USW	4.5941	5.059	
	(t)	Transport of seedlings in polythene bags to planting sites and distribution upto a lead of 50 metres (20% for each additional 50 mtrs)	100 seedlings	0.1166 USW	0.2089	0.230	
	(u)	Covering planting pits of dimension 25 x 25 x 25 cms and digging planting holes	100 pits.	0.41040 USW	0.7353	0.809	
- - -	(v)	Planting bagged seedlings for both the works under (u) and (v) above	100 pits.	0.2350 USW	Q.4210	0.463	
	(₩)	Aligning and staking 2.5 x2.5m	1 Ha.	2.0000 USW	3.5834	3.946	
				4.0000 USW	7.1668	7.892	
	1	Clearing boundary line to a width of 1.6 m to facilitate survey	Km	3.1050 MM	5.5632	6.126	
	12	Constructing cairns 60 cm x 60 cm at bottom, 30 cm x 30 cm high including collection of stone	Cairns	1 USW	1.7917	1.973	
· .	48	Clearing boundary line to a width of 5.2 metres	Km	20 MM	35.8340	39.460	
		Fire tracing	Km	20 MM	35.8340	39.460	
·	63	Erecting temporary shed with jungle wood posts, bamboos, reeds etc., clearing and levelling site, scraping and thatching with grass etc.	10 Sq. m.	10.763	•. 19.2841	21.2354	
•	92	First year first weeding (in May-June) mammatty weeding entire area	Ha.	29.625	53.0791	58.450	
	93	First year second weeding (August-September) clear knife weeding including uprooting Lantana, bamboo etc.	Ha.	14.826	26.5637	29.251	
	94	First year third weeding (December-January) as above and scraping 30 cm around all plants above 60 cm and soil working around plants 60 cm and mutching for all plants	Ha.	9.884	17.7092	19.501	

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SI.No.	FSR Number	Item of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)
1	2	3	4	5	6	7
:	94(a)	Cutting back double leaders and pruning in the first and second year	Ha.	4.942	8.8546	9.7506
	94(b)	Additional weeding when found necessary	Ha.	4.942	8.8546	9.7506
	96	2 nd year First weeding in May-June clear knife weeding and uprooting bamboo lantana etc.	Ha.	9.987	17.8937	19.7044
-	97	2 nd year Second weeding (August-September) as above	Ha.	7.413	13.2819	14.6258
	98	2 nd year Third weeding (December-January) knife weeding in line 60 cm on either side of the plant	Ha.	4.942	8.8546	9.7506
	98(a)	Additional weeding when found necessary	Ha.	_3.706 USW	6.6400	.4 7.3119
	99	2 nd year First weeding in (May-June) clear knife weeding with uprootal of lantana, bamboo etc.	Ha.	9.884	17.7092	19.5011
	100	3 rd year Second weeding (November-December) line weeding 60 cm on either side	Ha.	3.706 USW	6.6400	7.3119
	100(a)	Knife weeding eupatorium area after third year	Ha.		-	-
	1	Heavy weed growth	Ha.	24.71	44.2729	48.7528
	2	Moderate growth	Ha.	18.532	33.2038	36.5636
	3	Light growth	Ha.	12.355	22.1365	24.3764
	100(b)	Additional weeding when found necessary	На.	2.471 USW	4.4273	4.8753
	100 (1)	Special tending of plantation of over three years with heavy bamboo growth	На	14.826 USW	26.5637	29.2517

SI.No.	FSR Number	ltem of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)
1	2	3	4	5	6	7
	111(e)	Skinning entire surface in ordinary grass area	Ha.	37.065	66.4094	. 73.1292
	114	Clearing heavy jungle growth without felling trees	Ha.	19.768	35.4183	39.0023
	115	Clearing light jungle without felling trees	Ha.	9.884	17.7092	19.5011
	116	Forming inspection paths 2.4 m wide in regeneration area	Km	7.762 USW	13.9072	15.3144
	117	Soil working 90 cm diametre aroung the plants	1000 nos.	10	17.9170	19.7300
	154 (a)	Climber cutting in plantations with ordinary growth of climber	Ha.	1.235	2.2127	. 2.4367
	154 (b)	Climber cutting in plantations with heavy growth of climber :	Ha.	3.706	6.6400	7.3119
	159 (a)	Clear knife weeding in heavy grass area (Eucalyptus plantation)	На.	17.297 USW	30.9910	34.1270
	159 (b)	Clear knife weeding in medium grass area (Ecualyptus plantation)	Ha.	12.335 USW	22.1006	24.3370

Compost making

163 (i)	Collection & transportation of green leaves	678.8kg	7.5MM		10.3125	18.8125
Local Rate	Loading & unloading charges of green leaves to nursery by Dept.Lorry(if loading & unloading are done by union labours)					
Work study	Chopping of green material & carrying to compost shed	Per tonne	2.26MM		3.1075	4.4635
Work study	Labour cost for turning compost heaps 20 times	Per tonne for 20 times	ЭММ	€ <u>Марин</u>	12.375	17.775
Work study	Labour cost for drying & sieving compost	Per tonne	. 2.76 MM		3.795	5.451
LS	Cost of urea				:	

SI.No.	FSR Number	Item of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)
1	2	3	4	5	6	7
	100(2)	Special tending of plantation of over three years with miscellaneous growth	Ha.	9.884 USW	17.7092	19.5011
	100(c)	Knife weeding - 3 weedings to be done during the month of July-December	Ha.	7.413 USW	13.2819	14.6258
	100 (d)	Third year mammtty weeding to the eucalyptus plantations	Ha.	34.594 USW	61.9821	68.2540
	101	First mechanical thinning in 2mx 2m Teak plantations including preliminary clearing	Ha.	9.884	17.7092	19.5011
	107 (a)	Slash felling Predominantly bamboo area	Ha.	49.42	88.5458	97.5057
	107 (b) Slash felling Ordinary area		Ha.	24.71	44.2729	48.7528
	108	Clearing safety lines 3.6m wide including scraping two guide lines of 1.2 m wide on either side keepting the whole stack in middle and burning	Ha.	13.97	25.0300	A 27.5628
	109	First burning	Ha.	1.235	2.2127	2.4367
	110(a)	Heaping and burning where elephant power is used in burning etc	Ha.	14.826	26.5637	29.2517
	110(b)	Heaping and burning where elephant power is used in burning etc is not available	Ha.	29.625	53.0791	58.4501
	111(a)	Scraping 30 cm radius around the plants	Ha.	3	5.3751	5.9190
-	111(b)	Skining grass to radius of 90 cm in ordinary grass area	Ha.	15	26.8755	29.5950
	111(c)	Skining grass to radius of 90 cm in heavy grass area	Ha.	22.5	40.3133	44.3925
	111 (d)	Skinning entire surface in heavy grass area	Ha.	59.304	106.2550	117.0068

Table 1

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SI.No.	FSR Number	Item of Work	Unit	FSR Labour Data	Ordinary Area (NREG MM)	Difficult Area (NREG MM)
1	2	3	4	5	6	7
		Cost of sieve, spares of chopping machine & engine reparing charges, fuel/electricity charge, tools etc.				

Table 1

Forest estimates using MGNREGA standardised datas

ANNEXURE 11 (6)

NAME OF WORK - CONSTRUCTION OF CONCRETE CHECK DAM AT VALAYAMKULAM ; ADIMALI RANGE

Estimate 1

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

SL.NO.	ITEM CODE	DESCRIPTION OF ITEM	NO	L	В	н	QTY	RATE	UNIT	AMOUNT	
		Earthwork excavation in all kinds of soil									
1	80.2	for foundation									
		port hole	1	2.7	4.8	0.5	6.48				
		centre valley	1	6	5.2	0.35	10.92				
		side	1	1.5	5	0.5	3.75			<u>'</u>	
		side	1	2	5	0.8	8				
		total					29.15	1996.8 10)m3	5820.672	
	ų	Providing dowel bar using 20mm bar 40 cm distance including cost of material	N Marina da Santa da Sa		an a	r s Hes					387.99
2	60.5.1.	labour charges	45					E			387.99
	00.011									-	
		Woodcutter engaged for cutting trees									
3	2.33.1	upto 50 cm above	3					120 E		360	
5	2.0012										
		CC 1:3:6 using graded metal 40mm %									
4	4.1.6	20mm									
		port hole	1	2.7	4.8	0.5	6.48				
		levelling bed	1	6	5.2	0.6	18.72				
		total					25.2	6973.38 1	m3	175729.176	
									ţ		
5	5.2.3	RCC 1:2:4 using 20mm broken stone									
-	· · · · ·	Superstructure	1		(2.5+1)/2	1.8	18.9		5		
		side	1 [(2.5+1+1)/:1		1.01				
		side	1 [2	(2.5+1+1)/:1	8/2]/2	2.02				

									ι.	Level second second
		wings us/rt	1	2	0.8	0.0	1.20			Net
		us/lt	1	3	0.8	0.8 0.8	1.28			S
		DS/rt	1	2	0.7		1.68			
		Ds/lt	1	2.1	0.7	0.8	1.12			
		total	-	2.1	0.6	1	1.26		-	
							27.27	8841.07 1m3	241095.9789	
6	5.22.6	Reinforcement for RCC works								
		12mm main	15	3.7			55.5			
			8	3.1			24.8			
			7	3.25			24.8			
		back	15	4.3			64.5			
			8	3.6			28.8			
			6	4.05			24.3			
		total		1.05			24.5 220.65 n	n		
							220.051			
		220.65 @ 0.888kg/m					195.93	kg		
		10 mm distributory	22	8.9			195.8			
			19	8.7			165.3		κ.	
			21	8.5			178.5			
							539.6 n	n e		
							555.0 1	•		
		539.60 @ 0.617 kg/m					332.93	kg		,#s
		total - 195.93 + 332.93					528.86	75.2 kg	39770.272	
7	13.9.1	Plastering with cement mortar 1:3								
		face	1	6	1.8		10.8			
			1	1 1.8/			0.9			
			1	2 1.8/			1.8			
		top	1	9	1		1.8 9			,
		back	1		2.4					
			1	1 2.4/			14.4 1.2			
			1	2 2.4/			2.4			
			1	3	2.3		2.4 6.9			
			1	2	2.3		4.6			
			1	2	2.3		4.6			
			1	2.1	2.6		4 .0 5.46			
					2.0		5.40			

LILLER RELEX	na internet de la companya de la com					•
* CONT		total		62.06	3176.02 10m2	19710.38
8	extra item	Putting up ring bund 1.5+1.00x 1.00 using cut earth filled cement bag	b.	8	m	
9	60.2.2	Bailing out water using 5 Hp engine and pump set		108	167.91 hr	18134.28
		TOTAL Rupees five lakhs one thousand and nine only				501008.7489

Estimate for the cost of concreting road to Karipalam- Valiyakilicode settlement in Aryanadu - Palode section

Estimate 2

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

A.

Sl.no	Code	Description of item	no.	L	В	D	Qty	F	Rate Un	nit Am,ount
1	2.1.1	Earthwork in surface excavation not exceeding 30cm in depth but exceeding 1.5m width complete	đ	1	110	3		330	3199.68 10	0m2 10558.944
2	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering CC 1:4:8		1	110	3	0.1	33	6518.88 1n	n3 215123.04
3	11.7	Cement concrete pavement with 1:2:4 including finishing		1	110	3	0.05	16.5	8452.86 1 r	m3 139472.19
		Total								365154.2

Say Rupees three lakhs sixty five thousand one hundred and fifty four only

Estimate for the cost of maintenance of road from Pachilathodu to Camp shed in Kaliyar section

Estimate 3

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

1	Cost of levelling and re-rolling with power roller in the surface of existing metalled road	1	135	3			1 m2	
2 4.1.8	Cement concrete 1:4:8 using 40 mm broken stone	1	50	3	0.1	15	6518.88 1 m3	97783.2
3 16.42	Cement concrete 1:2:4 using 20 mm broken stone	1	185	3	0.1	55.5	7865.5 1 m3	436535.25
4	Providing machine pressed bitumen pad for expansion joint	1	37	3	0.1	11.1		

Estimate for the cost of patrolling rout/ trek path in Athirumala section

Estimate 4

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

1 2.32	Clearing light jungle	1	3000	2	6000	209.72 100 m2	12583.2
2 2.1.1	Sectioning upto 150 mm and forming surface trek path	1	1200	2	2400	3199.68 100 m2	76792.32
	Total						89375.52

Rupees eighty nine thousand three hundred and seventy five only

As

Seccost?

Estimate for the cost of improvement of Thengin thoppu- Pandimotta road in Shendurney wildlife

Estimate 5

(accession)

25

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

, Alts

									•
1	80.3	Earthwork excavation in all kinds of soil							
		At koovachal	1	30	2.5	2	15		
		at oottukuzhi	1	35	2.5	0.2	17.5		
		near karachal	1	80	2.5	0.2	40		
		Total					72.5	93.6 1 m3	6786
		Earthwork excavation for foundation in all kinds							
2	80.2	of soil							
		Retaining wall	1	16	0.75	0.6	7.2		
		Total					7.2	199.68 1 m3	1437.696
3	4.1.8	Cement concrete 1:4:8 using 40 mm aggregate							
			1	30	2.5	0.12	9		
			1	35	2.5	0.12	10.5		
			1	80	2.5	0.12	24		
		Retaining wall foundation	1	16	0.75	0.2	2.4		
		Total					45.9	6518.88 1 m3	299216.592
4	4.1.3	Cement concrete 1:2:4 using 20 mm aggregate							
			1	30	2.5	0.08	6		
			1	35	2.5	0.08	7		
			1	80	2.5	0.08	16		
		Total					29	7993.95 1 m3	231824.55
		Cement concrete 1:3:6 using 40 mm & 20 mm							
E	4.1.6	stone aggregate							
5	4.1.0		1	17	0.5	1	8.5		
		Retaining wall	т	1/	0.5	1	0.5		

· · · · · · · · · · · · · · · · · · ·	Total	1 17	0.3	1	5.1 13.6	6973.38 1 m3	94837.968	Tresserver and
5.22.6	Reinforcement for RCC work , quantity same as above			Ъ.	13.6		,	
	13.6 m3 @ 40 kg/ m3				544	75.2 kg	40908.8	
	Total						675011.7	

Rupees six lakhs seventy five thousand and eleven only

6

		Estimate 6							
		USING MGNREGA STANDARDISED DAT	A AND LIV	IR OF PA	LAKKAD				
1	modified 7.1.1	Rubble masonry with hard stone in foundation and plinth upto plinth level	1	3	0.6	1	1.8	1349.06 1 m3	2428.308
2	4.1.8	Cement concrete 1:4:8 foundation	1	9.5	1.2	0.3	3.42	6518.88 1 m3	22294.5696
3	4.1.3	Cement concrete 1:2:4 foot path	1	10 6.5	1 1	0.1 0.1	1 0.65		
		cross wall across water falls	1 1	3 9.5	3 0.8 0.8	0.1 0.8 0.4	0.9 6.08 1.28		
			1 1	4 1.1	0.8	0.4	0.35	7993.95 1 m3	82017.927
4	5.22.1	Steel reinforcement for RCC work - quantity as above	10.26 70	kg/ m3			718.2	75.2 kg	54008.64
5	4.3.1	Centering and shuttering for foundation cross walls across water falls total	2 2 2	9.5 4 1.1		0.8 0.4 0.4	15.2 3.2 0.88 19.28	199.66 1 m2	3849.4448
6	13.4.1	12 mm cement plaster, 1:4 cement mix	2 2 2	9.5 4 1.1		0.8 0.4 0.4	15.2 3.2 0.88		
		top total Total	1	14.6		0.8	11.68 30.96	253.1 1 m2	7835.976 172434.8654

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Estimate for maintenance of foot path to waterfall at Kumbavurutty Eco-tourism sites

Contractures

Rupees one lakh seventy two thousand four hundred and thirty five only

Estimate for construction of contour stone wall

Estimate 7

			USING M	GNREG	A STAND	ARDISED [DATA AN	ID LM	R OF PA	LAKKAD	
Sl.no	Code	Description of item	no.	L	В	D	Qty	I	Rate	Unit	Am,ount
1	2.32	Clearing light jungle		1				190	209.72	100 m2	398.468
2	80.3	Earthwork excavation in all kinds of soil		1				22.8	936	10 m3	2134.08
3	modified 7.1.1	Dry masonry for retaining walls by collectine locally available materials	ng	1				99.75	1349.06	1 m3	134568.735 137101.283

Rupees one lakh thirty seven thousand one hundred and one only

Estimate for the construction of 12 nos of boundary chairns at Elamchaim area

Estimate 8

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

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Sl.no	Code	Description of item	no.	L	В	D	Qty	Rate Unit	Amount	, Sec
1	2.31	Clearing jungle		12	9		108	407 100 m2	439.56	
2	80.2	Earthwork excavation for foundation in all kinds of soil		12	0.288		3.456	1996.8 10 m3	690.09	
3	7.2.1	Random rubble masonry with hard stone in superstructure		12	1.08		12.96	6322.71 1 m3	81942.32	
4	13.9.1	cement plaster 1:3		12	0.36		4.32	3176.02 10 m2	1372.04	
5	13.33.1	pointing on stone work 1:3 total		12	3.6		43.2	1888.32 10 m2	8157.54 92601.55	

Rupees ninety twp thousand six hundred and one only

Estimate for the construction of permanent chairns around ERAMBAIDU TRIBAL SETTLEMENT

Estimate 9

Ceccurit Manage

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

As

Sl.no	Code	Description of item	ne.	L	В	D	Qty	R	ate Unit	Amount
1	2.31	Clearing jungle		90	2	2		360	407 100 m2	1465.2
2	2.2.1	Earthwork excavation		90	1.2	1.2	0.15 1	9.44	2603.96 10 m3	5062.098
3	7.1.1	random rubble masonry		1.2*	1.2/2					
					6*0.6/					
		super structure		90 2)			1.2	97.2		
		foundation		90	1.2	1.2		.9.44		1
		total					11	.6.64	5708.57 1 m3	665847.6
4	13.1.1	12 mm cement plaster in 1:4								
		top		90	0.65	0.65	38	3.025		
				90	4.8	0.1		43.2		
		total					81	1.225	2530.98 10 m2	20557.885
		total								692932.783

Rupees six lakhs ninety two thousand nine hundred and thirty three only

COST OF RECONSTRUCTION OF DAMAGED CAIRNS IN THORAPPU

Estimate 10

1

USING MGNREGA STANDARDISED DATA AND LMR OF PALAKKAD

Ste

	Random rubble masonry in foundation and plinth including levelling with CC 1:6:12 - using wrecked rock hence avoid the cost &				
7.1.1	conveyance of rock.	16	16	4108 1 m3	65728 65728
	total			X,	

Rupees sixty five thousand seven hundred and twenty eight only

ESTIMATE FOR THE COST OF STONE PITCHING IN ELEPHANT PROOF TRENCH AT ARANAPPARA IN THOLPETTY FOREST STATION

Estimate 11

		Estimate 11	USIN	G MGN	REGA	STAND	ARDISED	DATA A	ND LMR	OF PALAKKAD	
Sl.no	Code	Description of item		10.	L	В	D	Qt		ate Unit	Amount
1	2.31	Clearing light jungle			1	50	3		150	407 100m2	610.5
2	80.2	Earthwork excavation for foundation in all kinds of soil				50	0.9	2	90		
		Levelling for foundation Foundation total			1 1	50 50	0.9	0.45	20.25 110.25	1996.8 10 m3	22014.72
3	7.1.1	random rubble masonry Foundation Total			1	50	0.9	0.45	20.25 20.25	5708.57 1 m3	115598.54
4	7.2.1	Random rubble masonry with hard ston superstructure Total	ie in		1	50	0.65	2	65 65	6322.71 1 m3	410976.15

Providing and laying in position 5 5.1.2

1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size

Top of wall Total	1	50	0.5 0.05	1.25 1.25 8820.78 1 m3	11025.98
Sharpening charges	20			20 5 E	100
Total					560325.9

Rupees five lakhs sixty thousand three hundred and twenty five only

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DETAILED ESTIMATE FOR ELEPHANT TERNCH WITH STONE PITCHING USING MGNREGA STANDARDISED DATA AND LMR OF THODUPUZHA

Estimate 12

Sl. No:	Spec Code	Description	No	Length	Breadth	Depth	Quantity	Rate	Unit	Amount
1	2.31	Clearing jungle including uprooting of ran	k vegetation, grass,	brush woo	d, trees and	saplings of	^f girth up to	•		
		surface dressing	1	50	3		150			
							150	4.07	sq.m	610.50
		· · · · · ·								
2	80.2	Earthwork in excavation by manual mean	is over areas (exceed	ling 30cm i	n depth, 1.5	m in width	as well as			
		levelling for foundation	1	50	0.9	2	90			
		foundation	1	50	0.9	0.45	20.25			
							110.25	199.68	cu.m	22014.72
3	7.1.1	Random rubble masonry with hard stone	in foundation and pl	inth includ	ing lovalling	up with co	mant			
5	/.1.1		1 joundation una pi		• •	•				
		foundation	1	50	0.9	0.45	20.25			
							20.25	5263.2	cu.m	106579.80
4	7.2.1	Random rubble masonry with hard stone	in superstructure ab	ove plinth	level and up	to floor five	e level,			
		super structure	1	50	0.65	2	65			
							65	5924.36	cu.m	385083.40
5	5.1.2	Providing and laying in position specified	grade of reinforced a	ement cor	crete, exclud	ding the co	st of			
		top of wall	1	50	0.5	0.05	1.25			
							1.25	7113.63	cu.m	8892.04
									•••••	
6		Lump-sum total - Sharpening charges								1750.00
				en e						_/ _ / _ / _ /
	가 있다. 제가 좋아서 이 것이 있는 것이 있다.							TOTAL		524930
										32-1330

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DETAILED ESTIMATE FOR ELEPHANT POND

USING MGNREGA STANDARDISED DATA AND LMR OF THODUPUZHA

Estimate 13

Mutute

SI No	: Spec Code		10		Breadth	Depth	Quantity	Rate Unit	Amount
51. NO 1	2.31	Clearing jungle including uprooting of rank vegetation,	grass, l	orush wood,	trees and s	aplings of	girth up to		
T	2.31	jungle clearance	1	20	20	*	400		
							400	4.07 sq.m	1628.00
2	80.2	Earthwork in excavation by manual means over areas	(exceed	ing 30cm in	depth, 1.5n	n in width	as well as		
2	80.2	waste removal	1	12	7	0.6	50.4		
			1	22	6	0.4	52.8		
			1	14	6	1	84		
		foundation for pond	1	36	3	0.25	27		
							214.2	<i>199.68</i> cu.m	42771.46
3	4.1.8	Providing and laying in position cement concrete	of spec	ified grade	excluding	the cost	of		
5	4.1.0		1	36	3	0.2	21.6		
			1	6	6	0.1			
							25.2	<i>4962.96</i> cu.m	125066.59
	Managements of the local design of the analysis of the local design of the local design of the local design of the	Providing and laying in position cement concrete	of spec	ified arade	e excludina	the cost	of		
4	4.1.3	Providing and laying in position cement concrete	1	36 [°]	3	0.05	5.4		
			1		6				*
			1					<i>6235.94</i> cu.m	44898.77
						5. 1914.	7.2	0233.37 0000	
									1200.00
5		Lump-sum total - Sharpening charges							
								TOTAL	215565

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ANNEXURE II (a)

MGNREGA standardised data

Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed:

2.1.1	All Kinds of soil				
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 100 sqm and average depth 15 cm				
	LABOUR:				*
114	Beldar	Day	7.2	240	1728
115	Coolie	Day	6	240	1440
and the residence of the second s		an an an Anna an Anna an Anna an Anna		TOTAL	3168
en nem nem sen en e			Add Water Cl	narges @ 1.0	31.68
			Cost	of 100.0 sqm	3199.68
				Cost of 1 sqm	32
		n an bhan an Nach Albert na Christer a' an an tha an t	a de la constitução de la casa de Participada de Constante da Constante de Constante de Constante da Constante	Say	32.0/-
			and may not be the the place and a description of a first of the first		an mang menangkan penangkan dan penangkan menangkan dan kanangkan penangkan penangkan penangkan penangkan pena Penangkan penangkan p
and the second		n dan nya menya katala katalah sa katalah di katalah katalah katalah da katalah da katalah da katalah da katal ,		Skilled	0
				Un Skilled	32
an tagan dan kanan kanan kanan dar Ge				Semi Skilled	
an a		******	ander die en ein die die die ein ein ein die	Materials	0
AND THE REPORT OF A				Total	32.0/-

55555555555 2.1 2.2 Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead up to 50 m and lift up to 1.5 m:

20

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 10 cum. LABOUR:	and an and a second		n an	an a
114	Beldar	Day	5.9	240	1410
115	Coolie	Day	3.6	240	86
101	Bhisti	Day	0.4	600	24
113	Chowkidar - Roller Charges (one roller does 1850 sqm. of consolidation per day)	Day	0.008	240	1.9
3	Hire charges of Diesel Road Roller- 8 to 10 tonne	Day	0.008	5000	40
1235	Diesel oil	Litre	0.144	75	10.8
2342	Carriage of Solvent/ Diesel	quintal	0.0014	0	
9999	Sundries	L.S	2.73	2	5.46
NUT BURGERS STOLEN				TOTAL	2578.18
			Add Water Ch	arges @ 1.0	25.7
			Cost	of 10.0 cum	2603.9
· · · · · · · · · · · · · · · · · · ·			ost of 1 cum	260.4	
n fin fan de				Say	260.4/
				Skilled	
				Un Skilled	230.7
n daalah kara dar Managers (s. 199		and a local state of the solution of the		Semi Skilled	230.77
			Manthalan multurbara ana arang kan tang ang ang ang ang ang ang ang ang ang	Materials	1.63
n sakana at seo post atta destri				Total	260.4/-

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	2.31
	Sec. 51
	× 5.

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

Code	Description		Unit	Quantity	Rate	Amount
	Details of cost for 100 sqm LABOUR:					
114	Beldar		Day	1.08	240	259.2
115	Coolie		Day	0.6	240	144
lages of the set of the set of the set		an general a sen en esta provincia en en el plan provincia de la		de recentente anna anna anna anna anna anna an	TOTAL	403.2
argan ang ang ang ang ang ang ang ang ang				Add Water Ch	narges @ 1.0	4.03
				Cost	of 100.0 sqm	407.23
					Cost of 1 sqm	4.07
					Say	4.07/-
		en en sen grannen en myser om en sen en med an en en men men men er sen er sen er sen er sen er sen er sen er s V			Skilled	Ö
				n an	Un Skilled	4.07
				ningang Lakanan (ngan Tarabanan Indonesia) ng Kababatan Ang Kababatan Ang Kababatan Ang Kababatan Ang Kababata	Semi Skilled	0
					Materials	Ő
			en de service de la constant de la c		Total	4.07/-

2.32 Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.

Amount	Rate	Quantity	Unit	Description	Code
				Details of cost for 100 sqm LABOUR:	
144	240	0.6	Day	Beldar	114
60	240	0.25	Day	Coolie	115
3.64	2	1.82	L.S	Sundries	9999
207.64	TOTAL		nniferantina na manana mana Manana manana m		
2.08	harges @ 1.0	Add Water C			
209.72	of 100.0 sqm	Cost			
2.1	Cost of 1 sqm		na a vez properni Gerche, na i brito i Califerni da		
2.1/-	Say	ney are supported and the standard statement of the statement of the statement of the statement of the statement	in a suite de la suite de la constant de la constan		
0	, Skilled		10000000000000000000000000000000000000		
2.06	Un Skilled				
0	Semi Skilled		and the second fraction of the second sec		Denoit ing interestances controles in an offer
0.04	Materials	an generation of the second and provide the Article Second and	e her men de gener Martin en de sentement i se bier generale		
2.1/-	Total		anno can targeta nonce anno can a fin africa		

(Alles

4.1 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:

- 5-

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum MATERIAL:				NEW THE DESIGN OF THE
295	Stone Aggregate(single size):20 mm nominal size - nominal size	cum	0.67	2040	1366.8
297	Stone Aggregate(single size): 10 mm nominal size - nominal size	cum	0.22	2160	475.2
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	. 0.89	0	0
982	Coarse sand (zone III)	cum	0.445	4500	2002.5
2203	Carriage of Coarse sand	cum	0.445		
367	Portland Cement - (0.2225 cum)	tonne	0.32	9000	2880
2209	Carriage of Cement	tonne	0.32	0	0
155	Mason (average)	Day	0.1	775	77.5
114	Beldar	Day	1.63	240	391.2
101	Bhisti	Day	0.7	600	420
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.07	2300	161
12	Vibrator (Needle type 40 mm)	Day	0.07	1600	112
9999	Sundries	L.S	14.3	2	28.6
nnen an an ann an An		роние от они и они и они и они и они они они они	ใหญ่ สาย เขาสาย เขาส	TOTAL	7914.8
		nte han de la marche de la destación de la dest	Add Water 0	Charges @ 1.0	79.15
		n of the second seco	C	ost of 1.0 cum	7993.95
			nen en	Say	7993.95/-
				Skilled	
		Roman and a source of the sour	na na sana ana ang ang ang ang ang ang ang ang	Un Skilled	470.35
NETWORKS KANNAMINATING CONC		Ministration in the state of the	ni. Taka zakate utartaka kuninkan kata ata kata kata kata kata kata k	Semi Skilled	470.35
energen som andere som des att att besed		antanan artes di su ayaan ee sosyaa.	Construction and the second		497.5 6753.1
ana ang ang ang ang ang ang ang ang ang		uninger anders Warkingstoristication	n an	Materials	7993.95/-
Nantania Manaka Jawa Linang Kalang		Nakapatèn di Kenaratan Provinsi Kenaratan Kenaratan Kenaratan Kenaratan Kenaratan Kenaratan Kenaratan Kenaratan		Total	1993.90/-

4.1.3 1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)

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4.1 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:

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4.1.6 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40

mm nominal siz	e)	`
----------------	----	---

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum MATERIAL:				antification in August and the State of the
******	Stone Aggregate(single size): 40 mm nominal size - nominal				
293	size (0.70 cum - 7.5 % for voids i.e. 0.05 = 0.65 cum)	cum	0.65	1740	1131
295	Stone Aggregate(single size):20 mm nominal size - nominal size	cum	0.24	2040	489.6
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0	0
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0	0
982	Coarse sand (zone III)	cum	0.47	4500	2115
2203	Carriage of Coarse sand	cum	0.47	0	0
367	Portland Cement	tonne	0.22	9000	1980
2209	Carriage of Cement	tonne	0.22	0	
155	Mason (average)	Day	0.1	775	77.5
114	Beldar	Day	1.63	240	391.2
101	Bhisti	Day	- 0.7	600	420
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.07	2300	161
12	Vibrator (Needle type 40 mm)	Day	0.07	1600	112
9999	Sundries	L.S	13.52	2	27.04
		nn fan gran in heiddinis 200 mil o'n	สถิ่งและพระสารทางการทางการทางสาวสาวสาวสาวสาวสาวสาวสาวสาวสาวสาวสาวสาวส	TOTAL	6904.34
ANDERS AND		nen og sent og er dinne som som som det som	Add Water C	harges @ 1.0	69.04
42004/1004/02/07/08/07/07/19		Allon varialettä kään kääntökkään käytöö	Co	ost of 1.0 cum	6973.38
GEORGENETE DE GERMENTENTEN MANNEN (1940) GEORGENETE DE GERMENTEN (1940) GEORGENETE DE GERMENTEN (1940) (1944)		nangaran kana kana kana kana kana kana kana		Say	6973.38/-
ter alle constant de la constant de		1111-1-0-1111-1-0-0-1-0-1-0-1-0-1-0-1-0	aalaan madalaa ahaa saadaa ahaa saadaa K	Skilled	
Long for Million Contraction of the Contract of the Contract of Contra		anti-tera namia anomig som atter understate		Un Skilled	460.24
Contestantine and a state of the			n an	Semi Skilled	497.5
apaansa ta maana ka maharing ang ang ang ang ang ang ang ang ang a		n de rechendres se faar de serzien die de se	na na sana na sana na kuutan ka ka sa	Materials	5742.64
Horosen Herkennessen er sams att frei nichte		anna per borte tetige descentit		Total	6973.38/-

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4.1	Providing and laying in	position cement	concrete of specified	gráde e	xcluding the cost	of centering and shuttering -	All work
	up to plinth level:	n an an an an Arraightean an Arraightean an Arraightean an Arraightean an Arraightean an Arraightean Arrai					

4.1.8 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum MATERIAL:				
anty antique automatic laction and the sh	Stone Aggregate(single size): 40 mm nominal size - nominal	en en el la contra construction de la contra d			
293	size			The start of	
	(0.70 cum -7.5% for voids i.e. 0.05 =0.65 cum)	cum	0.65	1740	1131
295	Stone Aggregate(single size):20 mm nominal size - nominal size	cum	0.24	2040	489.6
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0	
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0	0
982	Coarse sand (zone III)	cum	0.47	4500	2115
2203	Carriage of Coarse sand	cum	0.47	0	
367	Portland Cement	tonne	0.17	9000	1530
2209	Carriage of Cement - LABOUR:	tonne	0.17	0	
155	Mason (average)	Day	0.1	775	77.5
114	Beldar	Day	1.63	240	391.2
101	Bhisti	Day	0.7	600	420
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.07	2300	161
12	Vibrator (Needle type 40 mm)	Day	0.07	1600	112
9999	Sundries	L.S	13.52	2	27.04
			Second constant of the second s	TOTAL	6454.34
anan manang kanang k		nan an in an	Add Water	Charges @ 1.0	64.54
na na mangana ang ang ang ang ang ang ang ang a		SCHOLE IN COLUMN CONTRACT IN COLUMN		Cost of 1.0 cum	6518.88
antarat ny harananana kaominina		an a	se sen di Baradai anggo tang ang barang kanang k	Say	6518.88/-
		Radoningen heterak sinthisterak		annan an a	
and a second		annan an Ingelander an Arabitation (Arabitation)		Skilled	0
				Un Skilled	455.74
ana na katala na kat				Semi Skilled	497.5
				Materials	5292.64
		annender och inderer och fra det som som	E PER LUCARCAN ANNAL ACOMONICAS ACOMONICAS ACOMONICAS ACOMONICAS ACOMONICAS ACOMONICAS ACOMONICAS ACOMONICAS AC	Total	6518.88/-

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ATTEREST FEER

A.1	Foundations, footings, bases for columns		and the second sec			
Code	Description	Unit	Quantity	Rate	Amount	
	Details of cost for footing size				-	
	2.7mx2.7mx1.00m					
	Contact area = 10.80 sqm					
	MATERIAL:					
	Assuming shuttering material will become unserviceable after use of					
	40 times					
	Adding for maintenance @ 10% of cost					
	Taking salvage value after full use of material @ 25% of cost					
	wall form panel 1250x500 mm - Qty taken for cost of using once =					
7319	16x0.85/40 = 0.34	each	0.34	1360	462	
	Corner angle 45x45x5 mm 1.50 m long - Qty taken for cost of using					
7326	once = 4x0.85/40 = 0.085	each	0.085	390	33.	
7007	100 mm channel shoulder 2.5 m long - Qty taken for cost of using		alstrappelt, links .	and the second		
7327	once = 8x0.85/40 = 0.17	each	0.17	1500	2	
7328	Double clip (bridge clip) - Qty taken for cost of using once =					
7520	16x0.85/40 = 0.34	each	0.34	125	42	
7329	Single clip - Qty taken for cost of using once = 8x0.85/40 = 0.17	each	0.17	100	n ogen jungen aller svenskiller om i sjør overen er døre	
	M.S. Tube 40 mm dia ⁻ - M.S. tube 40 mm dia					
7330	4x2.7m = 10.8 m					
	qty taken for cost of using once = 10.8x0.85/40 = 0.2295	metre	0.2295	365	83.	
9999	Sundries - Assembly nuts & bolts	L.S	22.1	2	44	
9999	Sundries - Carriage					
5555	LABOUR:	L.S	78	2	1	
116	Fitter(grade1)	Day	0.75	700	5	
114	Beldar	Day	1.5	240	3	
9999	Sundries - Shuttering oil	L.S	52	2	1	
9999	Sundries	L.S	26	2	2135.	
	TOTAL					
	Add Water Charges @ 1.0					
			С	ost of 10.8 sqm	2156. 199.	
	Cost of 1 sqm					

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5.1:	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:

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5.1.2 1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size

Π	n	O	I	r	1	n	l	а	l	s	I	Z	e		
-	 -		-	-	***	-		-		-	-	-		-	

Code	Description	Unit	Quantity	Rate	Amount
· .	Details of cost for 1 cum MATERIAL			an a	
295	Stone Aggregate(single size):20 mm nominal size	cum	0.57	2040	1162.8
297	Stone Aggregate(single size): 10 mm nominal size	cum	0.28	2160	604.8
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.85	0	0
982	Coarse sand (zone III)	cum	0.425	4500	1912.5
2203	Carriage of Coarse sand	cum	0.425	0	^ O
367	Portland Cement - (0.2833 cum)	tonne	0.4	9000	3600
2209	Carriage of Cement	tonne	0.4		
155	Mason (average)	Day	0.17	775	131.75
114	Beldar	Day	2	240	480
101	Bhisti	Day	0.9	600	540
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.07	2300	161
12	Vibrator (Needle type 40 mm)	Day	0.07	1600	112
9999	Sundries	L.S	14.3	1000-1000-1000-1000-1000-1000-1000-100	28.6
		สปรี่หมารรมสาสตรรรมสาธารณสาธารณสาธ		TOTAL	8733.45
***********************************		anu karokatan kara kutaka menometa kat	Add Water Ch	narges @ 1.0	87.33
		1243554081ร้องการกระบบรายางการกระบบ	Со	st of 1.0 cum	8820.78
an ang ang ang ang ang ang ang ang ang a			nan da mana da antara mana mana da mana da mangan d	Say	8820.78/-
CONTROLOGICA AND AND AND AND AND AND AND AND AND AN		ner of hyper conference of the second se	************		Mind Bankonin kaing dia ang ang ang ang ang ang ang ang ang an
ta je do			na manifestati menangan kalanan palakar penangan kanangar panga ,	Skilled	
		tal que a mais de la constant de la	afaktaan maada ka	Un Skilled	567.33
Alemander Curristigen gehigt syntae		antioondalananalan maanakssa maasaa	ningan kalinggan kalandari kalingganya kanalah k	Semi Skilled	671.75
			energina (Second Contraction	Materials	7308.7
n san san san san san san san san san sa		REALING AND AND A CONTRACTOR OF	****	Total	8820.78/-

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Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20

5.2: mm nominal size)

Code	Description	Unit	Quantity	Rate	Amount
Maldan manya serena serena da katiga	Details of cost for 9.18 cum				
	MATERIAL:				
295	Stone Aggregate(single size):20 mm nominal size	cum	6.1506	2040	12547.22
297	Stone Aggregate(single size): 10 mm nominal size	cum	2.0196	2160	4362.34
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	8.1702	0	0
982	Coarse sand (zone III)	cum	4.0851	4500	18382.95
2203	Carriage of Coarse sand	cum	4.0851	0	0
367	Portland Cement - (0.02225 cum)	tonne	2.9376	9000	26438.4
2209	Carriage of Cement	tonne	2.9376	0	0
114	Beldar	Day	11.29	240	2709.6
115	Coolie	Day	7.53	240	1807.2
101	Bhisti	Day	8.26	600	4956
123	Mason (brick layer) Ist class	Day	0.92	800	736
124	Mason (brick layer)2nd class	Day	0.92	750	690
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.64	2300	1472
12	Vibrator (Needle type 40 mm)	Day	0.64	1600	1024
9999	Sundries	L.S	131.82	2	263.64
LINKARDOOMISTOCINO HIBIOODINKO DIN HIBIOO	Sundries - Extra labour lifting of material upto floor			ananan manan manan manan manan manan matanan ata ata ata ata ata ata ata ata a	anta anta di mandri di anta di mandri di
9999	V level:				
	0.75x9.18x2.5	L.S	420.03	2	840.06
115	Coolie	Day	17.2	240	4128
CALIFORNIC ALL DE LOS DE L		en 15 maar kaangan se katraan personaan tatmat k	An construction of the second solution of the solution of the paper	TOTAL	80357.41
			Add Water Ch	narges @ 1.0	803.57
		nan un constant ann an tha contractions ann an th	Cost	t of 9.18 cum	81160.98
		n (dan serien and serie	C	Cost of 1 cum	8841.07
standen skanske stande som som		ayan yang manang mang mang mang mang mang mang	41856-04194 da de la composition de la	Say	8841.07/-
and and a second se			an a	Skilled	80.17
				Un Skilled	1029.23
		AN INTERNETING AND		Semi Skilled	615.03
				Materials	6844.73
HIM OF A CONTRACTOR OF A		an ta an an galacter new la transmission de la companye de la companye de la companye de la companye de la comp		Total	8841.07/-

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5.22	Steel reinforcement for R.C.C work including straightening,	cutting, bending,	placing in position and binding all complete
	upto plinth level		

16

5.22.1 Mild steel and Medium Tensile steel bars

Code	Description	Unit	Quantity	Rate	Amount
× , ,	Details of cost for 1 quintal MATERIAL: Mild steel bars = 1.00g		Second and a second		•
	Add 5% wastage = 0.05 Total = 1.05 q				
1004	Average rate of mild steel round bars for reinforcements - Carriage of steel 1.05/10 = 0.105t	quintal	1.05	6000	6300
2205	Carriage of Steel	tonne	0.105	0	0
9999	Sundries - Cover block LABOUR: For straightening, cutting, bending, binding and placing in position	L.S	26	2	52
102	Blacksmith 1st class	Day	Ĩ	800	800
114	Beldar	Day	1	240	240
9999	Sundries - and binding wire	L.S	26.91	2	53.82
		un Restand and an	kantenaan keretaan kanan kana kana kana kana kana kana	TOTAL	7445.82
n gu haar haar on to company of an uit to unan Arustako y		nner of the second state of the second state of the second state	Add Water (Charges @ 1.0	74.46
un näärne on anten som som som her her som		n felden en en felder van en felder versen en en en felder van en en felder van en e	Co	ost of 100.0 kg	7520.28
in an		ALEMAN AND AN	n zárod mennek melletetetetetetetetetetetetetetetetetet	Cost of 1 kg	75.2
		enedernichteritekten anleinen erneige bestehenen.	**************************************	Say	75.2/-
namtal na ta neo tal he indonantica si cast neo monada		ser processing processing processing and an and a series of the			Валикания на наконски и изволяни на наконски на наконски на наконски на наконски на наконски на наконски на на
AND THE REAL PROCESSION OF THE REAL PROCESSIO		NONCOLOUS AND	adaran da kana kana kana kana kana kana kana	Skilled	8
		SAN KANTI AGU KUMUTALIKIN KANYA DIKUMADAGU A		Un Skilled	3.14
a de la francésia de la composition de la francésia de la		nan olara da ang ang ang ang ang ang ang ang ang an		Semi Skilled	0
56960200000199760200000000		HANGEN HUNDER HUDER GERKENNEN HUNDER HUDER HUDER HUNDER HUNDER HUNDER HUNDER HUNDER HUNDER HUNDER HUNDER HUNDER		Materials	64.06
n an		ar an ang sa		Total	75.2/-



5.22	[*] Steel reinforcement for R.C.C work including straightenir	ig, cutting, bending,	, placing in positi	on and binding all complete	Э
********	upto plinth level			en Sen Sen	

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Code	Description	and the second second	Unit	Quantity	Rate	Amount
	Details of cost for 1 quintal	a statistica de la companya de la co La companya de la comp	1		and a second second Second second	
	MATERIAL:				al population and a state of the state of th	
	Deformed twisted steel bars = 1.00 q					
	Add 5% wastage = 0.05			2 - 2 2 - 2 2 - 2		
	Total = 1.05q					
1005	Twisted steel/deformed bars	n an	quintal	1.05	6000	6300
2205	Carriage of Steel	ARTOR OF CONTRACTOR CONTRACTOR OF C	tonne	0.105	0	C
nada a la cara con cara con proporto da da cara da cara da con	Sundries - Cover block	a bending zacht innen innen meinen bezeichten innen sind sind an eine seine sind sind sind sind sind sind sind				
9999	LABOUR:					
	For straightening, bending binding and placir	ng in postion	L.S	26	2	52
102	Blacksmith 1st class		Day	1	800	800
114	Beldar		Day	Transferration of the second second	240	240
9999	Sundries		L.S	26.91	2	53.82
NALER CELEVICES AND		NATON OF A CALL AND A C	MONTH AND	General and the second seco	TOTAL	7445.82
		anna an da anna an an an an an an ann an	NAME AND A DESCRIPTION OF A	Add Water C	harges @ 1.0	74.46
		annan adı sənəri səyəni i tərəcin və anı kərətəli mərmə aranı tirkin bar		Cost of 1	00.0 kilogram	7520.2

Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 7.1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:

7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)		i - Egende Art		
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum MATERIAL				
1157	Stone for masonry work	cum		1600	1600
1154	Through and bond stone size 24 x 24 x 39cm - CARRIAGE:	50 nos	7	1690	236.6
2215	Carriage of Soling stone & masonry stone - 7.00x24cmx39cm = 0.16 cum 1.00 cum + 0.16 cum. = 1.16 cum Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	1.16	0	0
	Rate as per item Number3.11 of SH:	200 0 8 23122903909121890392873923910997893939393 8250 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1	na mana na na mana na kaka na k	
	for the second				-8°

3.11	Mortars LABOUR:	cum	0.33	7367.86	2431.39
125	Mason (for plain stone work) 2nd class	Day	1.07	750	802.5
114	Beldar	Day	1.07	240	256.8
115	Coolie	Day	0.71	240	170.4
101	Bhisti	Day	0.09	600	54
9999	Sundries - Cement concrete 1:6:12	L.S	45.76	2	91.52
9999	Sundries	L.S	4.42	2	8.84
				TOTAL	5652.05
			Add Water C	harges @ 1.0	56.52
			Co	ost of 1.0 cum	5708.57
				Say	5708.57/-
				anna a shi cana ana ana ana ana ana ana ana ana an	
				Skilled	0
Second construction and an and an and an and the second second				Un Skilled	483.72
				Semi Skilled	856.5
an and the second s				Materials	1936.96
CHARLEN COMPANY AND A COMPANY AND DECISION OF				Total	5708.57/-

7.2 Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like.
7.2 Comput meter 1:6 (1 comput : 6 coarse sand)

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum MATERIAL				
1157	Stone for masonry work	cum	1	1600	1600
1154	Through and bond stone size 24 x 24 x 39cm	50 nos	7	1690	236.6
2215	Carriage of Soling stone & masonry stone - 7.00x 24 cm x 24 cm x39 cm = 0.16 cum				nan daan in tareen na maana kana kana kana kana kana kana
2215	1.00 cum. + 0.16 cum = 1.16 cum Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	1.16	0	0
3.11	Rate as per item Number3.11 of SH: Mortars LABOUR:	cum	0.33	7367.86	2431.39

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17551 1551125	Mason (for plain stone work) 2nd class	Day	1.34	750	1005
-371.2	Beldar	Day	1.45	240	348
115	Coolie	Day	0.71	240	170.4
101	Bhisti	Day	0.09	600	54
9999	Sundries - Cement concrete 1:6:12 Extra Labour for lifting of material upto floor five level.	L.S	56.55	2	113.1

11.7 Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete.

Code	Description	Unit	Quantity	Rate	Amount
0000	Details of cost for one cum				
	MATERIAL:				
	Cement concrete 1:2:4				
	Rate as per item Number4.1.3 of SH:				
4.1.3	Concrete work				7000.05
	Extra labour for laying in floors etc.	cum		7993.95	7993.95
124	Mason (brick layer)2nd class	Day	0.35	750	43.2
114	Beldar	Day	0.18	240	43.2
101	Bhisti	Day	0.05	600	and the second
9999	Sundries	L.S	19.76	2	39.52
0000				TOTAL	8369.17
			Add Water C	harges @ 1.0	83.69
			C	ost of 1.0 cum	8452.86
				Say	8452.86/-
One will shore a state of the state of the state					
		anne a se manari, ensemble antipper dia manari di antipi se di antipi di antipi di antipi se di antipi se di a	an ann an a tha ann ann ann ann an ann ann ann ann an	Skilled	C
anter destruit a mora in				Un Skilled	126.89
ne a constant da é de travéa Martala			an a subsection of the state of the	Semi Skilled	292.5
Analysis and a subsection of the second s				Materials	39.52
			anna a sha a sha a sha anna a sha anna a sha anna a sha anna a sha a	Total	8452.86/-

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13.1	12 mm cement plaster of mix:	gana ang kang kang kang kang kang kang k			
13.1.1	1:4 (1 cement : 4 fine sand)	ender of ender and an and a			-
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 10 sqm				
	MATERIAL:				
	Cement mortar 1:4(1 cement: 4 fine sand)				
	Rate as per item Number3.4 of SH:				
3.4	Mortars	cum	0.144	8537.86	1229.45
155	Mason (average)	Day	0.67	775	519.25
115	Coolie	Day	0.75	240	180
101	Bhisti	Day	0.92	600	552
9999	Sundries	L.S	12.61	2 ·	25.22
lant or Lightnooppittory against an owned				TOTAL	2505.92
n (part a mangagi ngan mangadi minato na		na na mangané na kanang ka	Add Water	Charges @ 1.0	25.06
n a san an a				ost of 10.0 sqm	2530.98
akalaan tu kunga kung				Cost of 1 sqm	253.1
nevennellisterakinneanon ontelsiodeores				Say	253.1/-
					anan di kana dan kanan kanan kanan dan bana bana bana kana kana kana kana ka
Mic Maaring and Palaysian Constants		n an an ann an tha ann an an ann an ann an ann ann an ann ann ann ann ann ann ann ann an a		Skilled	0
			anna a carainn ann an ann ann ann ann ann ann ann	Un Skilled	20.51
สารางการการการการการการการการการการการการการก		efter soci di tetto en en tratas e gri menden esperatore de disco de la constructione de la constructione de la		Semi Skilled	107.13
		derenten finsken en anter anvære fræsteren stanten med anter andelandet at men i sekon anvester anvester at se		Materials	2.52
CONTRACTOR OF THE OWNER OWNER OF THE OWNER OWNE OWN		e dense na frantiskovenské politika na strantika na strantika na stranovnéhodná sa se se strané meto se stranov	na internet and a second s T	Total	253.1/-
10 /	12 mm coment placter of mix:	and a construction of the state of the	nen kan sata mana kan sata manan manan Maringan Kan		

13.4 12 mm cement plaster of mix:

13.4.1 1:4 (1 cement : 4 coarse sand)

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 10 sqm	i i			
	MATERIAL:				
	Cement mortar 1:4 (1 cement : 4 coarse sand)				
alan kangan yang kangan ka	Rate as per item Number3.9 of SH:				an da da antina tanàna mang mang mang mang mang mang mang ma
3.9	Mortars				
	LABOUR:	cum	0.144	8537.86	1229.45
155	Mason (average)	Day	0.67	775	519.25
115	Coolie	Day	0.75	240	180
101	Bhisti	Day	0.92	600	552
9999	Sundries - Scaffolding and	L.S	12.61	2	25.22

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				TOTAL	2505.9
×>>\$		DITALECTION CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR	Add Water C	harges @ 1.0	25.0
an han kan kan kan kan kan kan kan kan kan k		anders stadie en son die stadie auf die Antoine son die s	Cos	t of 10.0 sqm	2530.9
nini ana amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'n		9072247797779779779779779777777777777777		Cost of 1 sqm	253.
		na na se	nen senan para, en sustan de Marcinez de La Participa de Marcinez de La Participa de Marcinez de La Participa Mantenet i felizio en la companya de Marcinez de La Participa de Marcinez de La Participa de La Participa de La	Say	253.1/
Maria International Constraints and Constraints			an ny sara di Mayran di Katal Sarahan di Katalan di Katalan di Katalan di Katalan di Katalan di Katalan di Kata	Skilled	activa constant a classical constant of the co
nationa principana menandra ana ang ang ang ang ang ang ang ang an		n - Hannand Groner in Die State volgen in der state	Alemandu i a Barcolon de Mandala de La Radal de La	Un Skilled	20.5
			1	Semi Skilled	107.1
na on the second state of the s			nan manana manya kata ang kat	Materials	2.5
and the second		ntersammet surgesters to the encoded and the and	Maan deta menanta data kang menanta kang dia dikere ontan di pertua	Total	253.1
13.9	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floa	ating coat	of post comon	and the second	200.17
13.9	12 mm cement plaster	aung coat	or near ceillen		anna an an an a' sir atair a dar ar fara falladan 18 Balaidin
Code	Description	Unit	Quantity	Rate	Amount
Code	Details of cost for 10 sqm		Guanny	nate	Amount
	MATERIAL:				
	Cement mortar 1:3 (1 cement : 3 coarse sand)				
elecentres ad a constraint desired and a constraint of	Rate as per item Number3.8 of SH:				AREACCIPATE DOUBLE AND DESCRIPTION OF THE AREA AND A
3.8	Mortars				
	LABOUR:	cum	0.144	9707.86	1397.9
155	Mason (average)	Day	0.67	775	519.2
115	Coolie	Day	0.75	240	18
101	Bhisti	Day	0.92	600	55
9999	Sundries - Scaffolding and sundries	L.S	12.61	2	25.2
367	Portland Cement	tonne	0.02	9000	18
2209	Carriage of Cement	tonne	0.02		n na nével ben verté a l'activa el sentire d'ansi de la valent difference i
155	Mason (average)	Day	0.27	775	209.2
And a second s	Coolie	Day	0.27	240	64.
115		HE GOING COMMENSATION OF A DESCRIPTION OF A	8.06	2	16.1
115 9999	Sundries - Scaffolding and sundries.	L.S	0.00	- 1	
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		hand and a transmission of the second se	TOTAL	3144.5
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		Add Water C	TOTAL harges @ 1.0	31.4
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		Add Water Cl Cos	TOTAL harges @ 1.0 it of 10.0 sqm	31.4 3176.0
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		Add Water Cl Cos	TOTAL harges @ 1.0	31.4 3176.0 317.
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		Add Water Cl Cos	TOTAL harges @ 1.0 it of 10.0 sqm	31.4 3176.0
Constitution of Street, 1997, Nervice, Incomparist, 1975	Sundries - Scaffolding and sundries.		Add Water Cl Cos	TOTAL harges @ 1.0 it of 10.0 sqm Cost of 1 sqm	31.4 3176.0 317.

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Semi Skille	d	128.05
Materia	s	22.13
Tot	al	317.6/-

13.33.1	Flush/ Ruled pointing	1			
Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 10 sqm			· · · · ·	
	MATERIAL:				
	Cement mortar 1:3 (1 cement : 3 fine sand)				
	Rate as per item Number3.3 of SH:				
3.3	Mortars	cum	0.023	9707.86	223.28
9999	Sundries - LABOUR:	L.S	7.15	2	14.3
155	Mason (average)	Day	0.92	775	713
115	Coolie	Day	1.37	240	328.8
101	Bhisti	Day	0.93	600	558
9999	Sundries - Scaffolding and racking out joints including sundries	L.S	16.12	2	32.24
		Construction and Construction	สถาราย (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997)	TOTAL	1869.62
nce a transfer to the second		en som den som som dan det sverke for att store for	Add Water Ch	harges @ 1.0	18.7
			Cos	t of 10.0 sqm	1888.32
An				Cost of 1 sqm	188.83
				Say	188.83

13.33 Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand):

16.42 Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 cum				
	Cement concrete 1:2:4 mix				
293	Stone Aggregate(single size): 40 mm nominal size	cum	0.52	1740	904.8
295	Stone Aggregate(single size):20 mm nominal size	cum	0.22	2040	448.8
297	Stone Aggregate(single size): 10 mm nominal size	cum	0.11	2160	237.6
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.52	0	0

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****2¥112	Carriage of Stone aggregate below 40 mm nominal size	cum	0.33	0	0	
982	Coarse sand (zone III)	cum	0.445	4500	2002.5	1 .
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.445	0	0	
367	Portland Cement	tonne	0.32	9000	2880]
2209	Carriage of Cement - LABOUR:	tonne	0.32	0	0	स्ट्रिक का स्टब्स (त्रेष्ट्र संबद्ध र
155	Mason (average)	Day	0.1	775	77.5	
114	Beldar	Day	1.63	240	391.2	
101	Bhisti	Day	0.7	600	420	
2	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.077	2300	177.1	
12	Vibrator (Needle type 40 mm)	Day	0.07	1600	112	
9999	Sundries - Side shuttering: Taking the slab to be 15cm thick and width to be 6 metre, length of road 27 metre= 9.90/24.30 = 0.407sqm	L.S	26	2	52	
5.9.1	Rate as per item Number5.9.1 of SH: Reinforced Cement Concrete work		0.407	199.66	01.0C	n a ≥type, and a
0000	Sundries	sqm L.S	0.407	199.66	81.26 2.86	-
9999			10	TOTAL	7787.62	-
n ha fa shekara na maraka ka		ownerstation of the states of the second	Add Water C	Charges @ 1.0	77.88	1
				ost of 1.0 cum	7865.5	1
		um aine i san dhan in shi shi na s	ans a land antica destinant con cala a manager part and a manager constant on the	Say	7865.5/-	
antaniokokoitenni on tirttaitet Mikatoiten taita				where the product of the second state of the		1.2.2
				Skilled	0	
	na na serie de la constant de la con En 1990 de la constant			Un Skilled	469.08	 (a) solve and
				Semi Skilled	497.5	l
		ung and in the second		Materials	6528.56	l
	·			Total	7865.5/-	

60.2.2 Bailing out water Using 5HP Pump- Bailing out water with 5HP engine and pump set including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete

Code	Description	Unit	Quantity	Rate	Amount
·	1 Day				

Also.

3

MR520	Hire charge of 5 HP engine and pump set - Materials	Day	1	85	85
1235	Diesel oil - Lubricating oil and other stores	Litre	10	75	750
9999	Sundries -	L.S	5	2	10
114	Beldar	Day	1	240	240
115	Coolie - Installation charge	Day	1	240	240
9999	Sundries	L.S	2.5	2	5
		and a second		TOTAL	1330
		an managa an	Add Water Ch	narges @ 1.0	13.3
alian daya kuntu da sana karan karan salaya ya kuntu ana		ana ang ang kang manakan tang tang mang akan akan kang ang akan sa	Co	st of 8.0 hour	1343.3
and the second		an a	C	Cost of 1 hour	167.91
		an a monte de la sum data de la sum de la		Say	167.91/-
andre and a subsection of the			The one of the second secon		n an
aning an and the property of the Parameter of the International States of the Parameter of the Parameter of the				Skilled	
Adapting Subjects in Subject Su				Un Skilled	61.66
newsylaptics and contributions and some		n an	an a search constant she could be a search and the second second second second second second second second seco	Semi Skilled	
		en ande gestioners verste niet oak de sterre de st		Materials	106.25

80.2 Earthwork in excavation by manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m disposed earth to be levelled and neatly dressed For foundation

ioui	iuauc			
	rinds	of	soil	

1.17

Code	Description	Unit	Quantity	Rate	Amount
	Details for 10 cum				
114	Beldar	Day	0.32	240	76.8
115	Coolie	Day	8	240	1920
113		endersen dem findes entre eine eine dem einen eine eine dem eine eine eine eine eine eine eine ei	เสือกระบบที่ประจำกับการจะสามารถการการการที่ได้สาม	TOTAL	1996.8
energy an apparent sole and a second		nen meter kom som fra det det ander men det som det en andere at som et det som det som det som det som det som		t of 10.0 cum	1996.8
		anter anteren assesanta estas atas detes ata anterez con monorman a consta Constructuation de atas de		Cost of 1 cum	199.68
		a han an a	n fan de linger oan gebreken op de linger op d	Say	199.68/
		an the second of the distance of the conduction of the second statement of the second of the	ana da kana kana kana kana kana kana kan	KARTINE	ann an an ann a ann ann ann ann ann ann
			an a	Skilled	
ndersaak portuseen saakkoon aktivaki saakkoon saatuse		na a na anna a fha ann an ann an ann an ann ann ann ann	01207601201780278027802790720121865300717828000111177787800000000	Un Skilled	199.68
a Maga ana ang ang ang ang ang ang ang ang		an ingenetis and a the story of the start of the story of	a pravni se na	Semi Skilled	

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References

Materials	0
Total	199.68/-

80.3 Earthwork in excavation by manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m disposed earth to be levelled and neatly dressed for Open areas

					••
	LIT	nds	ot	00	
~	NII	10.5	U.	50	

Scaned file NREGIA Fostest guideline

Code	Description	Unit	Quantity	Rate	Amount
	Details of cost for 120 cum			1	Allow in sector and a sector consistent of the sector of t
128	Mate	Day	1.8	240	432
115	Coolie	Day	45	240	10800
a dan barang sa palana na ta dan sarita da		การกำรงของการการการที่ และการกำรงการการการกา การการการการการการการการการการการการการก	A constant of the second second and	TOTAL	11232
Cost of 120.0 cum					
	Cost of 1 cum				
	Say				
			anna kana kata katu kang balandan dan tahun katu katu katu katu katu katu katu katu		
an a				Skilled	0
ame in Sultraming in slowardshirtson				Un Skilled	93.6
				Semi Skilled	0
				Materials	0
te auguste anno ann an sao ann an				Total	93.6/-

Ars.