CIRCULAR

Sub:-AP.RVM(SSA) –Construction/repairs to toilets in all Primary and Upper Primary schools in the State – Certain instructions – Issued.

It is observed that in every School, huge amount of unspent money is available, which was released under various Heads such as School grant, maintenance grant, NPEGL grant, TLE/TLM grant during past few years.

All the Head Masters are aware that as per the Hon'ble Supreme Court directions, every School should have toilets which are in working condition. Hence, all the Headmasters are hereby permitted to utilize the unspent amounts available with them for the following purposes.

- 1) Repair of existing toilets, wherever the toilets can be repaired and used.
- Construction of new toilets where the existing toilets neither can not be repaired nor put into use or where there is no existing toilet.
- Providing of Gates including repair of the Gates, where compound wall is existing, so that toilets are protected from the miscreants in the Villages.
- 4) The Headmasters can utilize Rs.20,000/- for Primary School and Upper Primary School without obtaining any estimate from Engineers etc., (Type design enclosed)

Contd....2p/-

After execution of the work, necessary vouchers will be kept for audit. Project Officers will be taking up random audit of schools after the works are executed.

During the State level Task Force meeting, it is felt that there should be continuous technical support to the Schools, as it is observed that the existing toilets are not constructed in accordance with the technical specifications. The basic defect in the construction of toilets is that they are not being constructed as per the "UNICEF" specifications i.e. by not following honey comb leach pit model which is responsible for defunct toilet.

As per RTE Act, MEOs are responsible officers at Mandal level to implement RTE Act which mandates functional toilet and drinking water facility in every School. In order to implement these RTE Act provisions, in the first phase, Primary and Upper Primary Schools shall be taken up for providing a functional toilet.

It is felt that in every Primary school and Upper Primary School, two toilets shall be made functional/constructed. These toilets can be maintained on continuous basis, if trained Masons are available in the Mandal. For this purpose, all MEOs in the State are requested to identify two plumbers and two masons, who have personal Cell phones. These identified Masons and plumbers will be trained in all the districts by the SSA utilizing District Resource Persons (DPRs.) trained by AP.RVM. Once they are trained, they can be given identity Card by the MEO and they can extend their service in all the Schools in a Mandal. These identified and trained Masons will visit all the schools in that Mandal, take up repairs then and there and construct toilets where minimum two toilets are not available in the School. The Headmasters will pay necessary amount required for repairs including material and labour charge based on the market rates. After the toilets are made functional, the

Mason will visit Primary and Upper Primary School once in every month to take up the maintenance of the toilets and these Mason team can be paid Rs.200/- for visit to the School.

The above instructions will be implemented immediately.

STATE PROJECT DIRECTOR

То

All the Project Officers(SSA)

Copy to All the District Collectors & Chairmen, RVM

రాష్ట్ర పథక సంచాలకుల కార్యాలయం, రాజీవ్ విద్యా మిషన్ (ఎస్.ఎస్.ఏ), ఆంధ్ర ప్రదేశ్, హైదరాబాద్

సం.1607/ఆర్.వి.యం(ఎస్.ఎస్.ఏ)/డి.ఇ.ఇ/2012, తేది:26.12.2012

సర్క్యులర్

విషయం: ఆం.ప్ర, రా.వి.మి(ఎస్.ఎస్.ఏ) - రాష్ట్రంలోని అన్ని ప్రాథమిక, ప్రాథమికోన్నత పాఠశాలల్లో, మరుగుదొడ్ల నిర్మాణం/ మరమ్మత్తులకు సంబంధించి - కొన్ని సూచనలు - జారీ చేయనైనది.

SSS

గత కొద్ది సంవత్సరాలుగా పాఠశాలలకు వివిధ పద్దుల క్రింద రాజీవ్ విద్యా మిషన్ ద్వారా విడుదల చేసిన పాఠశాల గ్రాంటు, నిర్వహణ గ్రాంటు, బాలికల విద్య, భోదనాభ్యాసన సామాగ్రి గ్రాంటు మొదలగు వాటికి సంబంధించిన నిధులు ఖర్చు చేయకుండా దాదాపు ప్రతి పాఠశాలలో పెద్ద మొత్తంలో మిగిలి ఉన్నాయని గమనించనైనది.

గౌరవ దేశ అత్యున్నత న్యాయస్థానం ఆదేశాల మేరకు ప్రతి పాఠశాల పనిచేసే స్ధితిలో గల మరుగుదొడ్లను కలిగియుండాలనే విషయం ప్రధానోపాధ్యాయులందరికి తెలిసిందే. కావున ఈ క్రింద పేర్కొన్న వాటి కోసం పాఠశాలల్లో ఖర్చు చేయకుండా మిగిలి ఉన్న నిధులను ఉపయోగించుటకు సంభందిత ప్రాధానోపాధ్యాయులందరిని అనుమతించనైనది.

- 1. ఇప్పటికే నిర్మించబడి మరమ్మత్తుల కారణంగా ఉపయోగంలో లేని మరుగుదొడ్లకు మరమ్మత్తులు చేయడం.
- 2. మరుగుదొడ్లు అసలే లేకపోయినా లేదా ఉన్న మరుగుదొడ్లకు మరమ్మత్తులు చేపట్టినా ప్రయోజనం లేనిచో కొత్త మరుగుదొడ్లను నిర్మించడం.
- 3. ప్రహారి గోడ ఉన్న పాఠశాలల్లో క్రొత్త గేటును అమర్చడం లేదా ఉన్న గేటుకు అవసరమైనచో మరమ్మత్తులు చేయడం. దీని వల్ల మరుగుదొడ్లు ఇతరులచే దుర్వినియోగం కాకుండా ఉంటాయి.

4. సంబంధిత ఇంజనీర్ల అంచనాలు లేకుండానే ప్రాథమిక పాఠశాలకు మరియు ప్రాథమికోన్నత పాఠశాలకు రూ 20,000/- లకు లోబడి ప్రధానోపాధ్యాయులు ఇందుకోసం ఉపయోగించుకోవచ్చును (టైపు డిజైన్ జతచేయడమైనది). ఈ పనులు పూర్తి అయిన పిదప అవసరమైన రశీదులను ఆడిట్ కోసం భద్ర పర్చవల్సిఉంటుంది. జిల్లా ప్రాజెక్టు అధికారులు అక్కడక్కడ కొన్ని పాఠశాలల్లో ఆడిట్ నిర్వహించాలి.

ఇటీవల జరిగిన రాష్ట్ర స్థాయి టాస్క్ఫ్ సమావేశంలో ప్రస్తుతం పాఠశాలల్లో ఉన్న మరుగుదొడ్లు సాంకేతిక స్పెసిఫికేషన్ల ప్రకారం నిర్మించబడలేదని, అందుచే వాటికి నిరంతరంగా సాంకేతిక సహాయము ఉండాలని అభిప్రాయపడడం జరిగింది. "యూనిసెఫ్" స్పెసిఫికేషన్స్ అంటే హానీకోంబ్ లీచ్ పిట్ (గుంట గోడ నిర్మాణంలో ఇటుక విడిచి ఇటుక) నమూనాను అనుసరించకపోవడం వల్ల ప్రస్తుత మరుగుదొడ్లు పనిచేయక పోవడంలో ప్రధానలోపమని భావించడం జరిగింది.

విద్యాహక్కు చట్టం ప్రకారం ప్రతి పాఠశాలలో ఉపయోగానికి వీలున్న మరుగుదొడ్లు, త్రాగు నీటి సౌకర్యం విధిగా ఉండాలి. మండల స్ధాయిలో విద్యా హక్కు చట్టాన్ని అమలు చేసే భాద్యత మండల విద్యాధికారులకుంటుంది. విద్యాహక్కు చట్టం కల్పించిన సౌకర్యాలను అమలు చేసే ప్రక్రియతో భాగంగా మొదటి దశలో ప్రతి ప్రాథమిక, ప్రాథమికోన్నత పాఠశాలకు ఉపయోగించదగిన మరుగుదొడ్డిని ఏర్పాటు చేయవలసి ఉంది.

ప్రతి ప్రాథమిక, ప్రాథమికోన్నత పాఠశాలలో కనీసం రెండు మరుగుదొడ్ల నిర్మాణం చేయడం గాని లేదా ఉన్నవాటికి మరమ్మతులు నిర్వహించడం గాని చేయాలి. అంతేగాక మండలంలో శిక్షణ పొందిన మేస్త్ర్మీ ఉన్నట్లయితే ఈ మరుగుదొడ్లను నిరంతర ప్రాతి పదికన నిర్వహణ చేపట్టె అవకాశం ఉంటుంది. ఇందు కోసం వ్యక్తిగత పెల్ఫోన్లు కల్గియున్న ఇద్దరు ప్లంబర్లను, ఇద్దరు మేస్త్ర్మీలను గుర్తించవలసినదిగా రాష్ట్రంలోని మండల విద్యాధికారులందరినీ కోరవైనది. రాజీవ్ విద్యా మిషన్చే శిక్షణ పొందిన జిల్లా రిసోర్స్ పర్సన్స్ సేవలను ఉపయోగించుకుంటూ అన్ని జిల్లాలలో ఈ గుర్తించబడిన ప్లంబర్లు, మేస్త్రీలకు శిక్షణ నివ్వాలి.

వారి శిక్షణ పూర్తి అయిన వెంటనే మండల విద్యాధికారి వారికి గుర్తింపు కార్డులనందజేసి వారిసేవలను మండలంలోని అన్ని పాఠశాలల్లో మరుగుదొడ్ల నిర్వహణకు ఉపయోగించుకోవాలి. ఈ మేస్త్రీలు మండలంలోని అన్ని పాఠశాలలకు వెళ్ళి అక్కడికక్కడే మరుగుదొడ్లకు మరమ్మత్తులు నిర్వహించడం, అవసరమైనచో కనీసం రెండు మరుగుదొడ్లు లేని పాఠశాలలో కొత్త వాటిని నిర్మించడం చేయాలి. ఆ పాఠశాల ప్రధానోపాధ్యాయులు మార్కెట్ రేట్ల ప్రకారం నిర్మాణ పామాగ్రి మరియు లేబర్ చార్జిలతో సహా మరమ్మతులకవసరమైన డబ్బును చెల్లిస్తారు. ఈ మరుగుదొడ్లను ఉపయోగానికి వీలుగా చేసిన పిదప, ఈ మేస్త్రీలు ప్రతి ప్రాథమిక, ప్రాథమికోన్నత పాఠశాలను నెలకొక సారి సందర్శించి వీటి నిర్వహణను చేపట్టవలసియుంటుంది. ఈ మేస్త్రీల బృందానికి ప్రతి సందర్శనకు రూ.లు 200/- చొప్పని చెల్లించాలి.

್ತಾ ಆದೆಕಾಲನು ವಿಂಟನೆ ಅಮಲು ವೆಯಲಕ್ಕಲಿನಿಯುಂಟುಂದಿ.

రాష్ట్ర పథక సంచాలకులు

అందరు ప్రాజెక్టు అధికారులకు, దీని ప్రతి సమస్త జిల్లా కలెక్టర్లు మరియు అద్యక్షులు, రాజీవ్ విద్యా మిషన్ గార్లకు.

	Abstract Es	Estimate Rs: 20,000/-								
.no	Description	Nos	Length	Breadth	Height	Quantity	Units	Rate	Per	Amount
1	Earth work excavation for open cuttin Mtrs and lift of 3 Mtrs in Loamy and clar ordinary gravel including all operations sheeting planking etc complete for finish	ayey so al, incid	ils like bli lental, lat	ack cotton	soils, red	d earth and as shoring			7.	
2	Refilling with use ful available excava- basement with initial lead in layers n deposited layer by watering and ramm conveyance of sand, and water to we charges, etc. complete for finished item	ot exce ning, ir ork site	eding 15 ncluding of and all	cm. thick,	consolid	lating each narges and ntal, labour		782.60	10	209.00
3	PCC (1:4:8) using 40mm nominal size	005	E			0.24	Cum	111.80	1	27.00
	108, machine mixed laid in position in la cost, seignorage charges and conveya sources to work site and all operation concrete, laying, tamping, curing, etc. of for foundations.	yers no ince of nal, inci	t exceedir all mater dental, la	ng 15cm in ials and v bour char	thicknes vater fron ges such	s, including n approved as mixing per SS 402		0.540.00		
4	AC sheet roofing with corricated AC materials and all labour charges	sheet	including	cost and	conveya	0.34 ance of all	Cum	2,543.28	1	873.00
	Over Water Closet block onl	v				2.94	Sqm	2,500.00	10	735.00
	aggregate) from approved quaarry inclucement, fine aggregate, (sand) coarse	uding co	ost and c	onveyance	of all m					
	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges	uding co aggre taxes o machir	ost and congress was gate, was on all mate one mixing	onveyance ter etc., to erials inclu laying co	of all made of all	aterials like d including operational, brating and ost of steel		5 000 00	1	250.00
6	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering	uding contained and ce machine and ce machine and ce machine are structured had ce of all	ost and congress a	onveyance ter etc., to erials inclu laying co tc; but inc CM 1:6 (C imum crus s like cem	e of all made of site and uding all of an arrete vill; uding comment: Shing stream, sand	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40	Cum	5,000.00	1	250.00
	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in sup second class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing m. Below GL & Basement	e aggre taxes o machin and ce er struc urce ha ce of al orter lift	ost and cogate, war all matering er coture with aving min I material to charges	onveyance ter etc., to erials inclu- laying co tc; but inc CM 1:6 (C imum crus s like cem etc comple	e of all many site and adding all of	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc,	Cum	5,000.00 2,854.62	1	250.00 2,939.00
6	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in sup second class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing massing	e aggre taxes o machin and ce er struc urce ha ce of al orter lift er struc urce ha ce of al	ost and congate, was an all matering entering entering entering entering entering min and entering min and entering ente	conveyance ter etc., to erials included laying conter; but incomplete CM 1:6 (C imum crusted solike cemetic complete CM 1:8 (C imum crusted imum crusted solike cemetic solike cemetic complete	e of all many or site and adding all of an archer vill all of a control of a contro	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc, 1.03 Sand) using ength of 40	Cum			5111
7	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in supsecond class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing melectric bricks.	er structurce had ce of all orter lift	est and congrate, was an all matering entering entering entering entering entering min and entering en	conveyance ter etc., to erials included laying contections to the complex of the	e of all man or site an uding all or norete vil l; uding comment: Sishing stream of the man of the	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc, 1.03 Sand) using ength of 40 d water etc, 2.71	Cum			5111
	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in sup second class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing members of the second class bricks from approved so kg/sq.cm including cost and convenient second class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing members.	e aggre taxes o machin and ce er struc urce ha ce of al orter lift er struc urce ha ce of al orter lift er struc urce ha ce of al orter lift ce of al corter lift ce of al c	est and congate, was an all material at charges as ingle coase of all material dess, curing extremely and the coase of all material dess, curing extremely and the coase of all material dess, curing extremely and the coase of all material dess, curing extremely and the coase of all material dess, curing	conveyance ter etc., to erials inclu laying co to; but incomplement of the complement of the complement with incomplement with incomplement of the complement of the complemen	e of all materiall labour cutting of	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc, 1.03 Sand) using ength of 40 d water etc, 2.71 with dubara sand, water ials, and all charges for Grooves as	Cum	2,854.62	1	2,939.00
7	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in supsecond class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing mand all labour charges such as mixing masecond class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing masecond class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing mand ceiling 12mm the sponge finishing including cost and convenient to site, including seigniorage charge operational, incidental charges on mate mixing mortar, finishing, scaffolding, lift directed by Engineer-in-charge etc., cosurfacaes.(SS 901,903 & 904)	er structurce had ce of all orter lift were structured had ce of all orter lift were structured had contained and contained had conta	est and congrate, was an all matering entering e	conveyance ter etc., to erials inclu laying co to; but inc CM 1:6 (C imum crus s like cemetc comple CM 1:8 (C imum crus s like cemetc comple at with in terials like r taxes on g cost of a including hed item	e of all made of site and adding all of norete vill l; uding continued and site ement : Significant sandate ement : Significant sandate ement : Significant sandate ement,	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc, 1.03 Sand) using ength of 40 d water etc, 2.71 with dubara sand, water ials, and all charges for Grooves as for internal 28.21	Cum Sqm	2,854.62	1	2,939.00
7	cement, fine aggregate, (sand) coarse seigneiorage charges sales and other incidental and labour charges such as curing with necessary steel shuttering reinforcement and fabrication charges. Covering slabs Providing brick masonry walls in supsecond class bricks from approved so kg/sq.cm including cost and convenient and all labour charges such as mixing mand coincidental charges on matemixing mortar, finishing, scaffolding, lift directed by Engineer-in-charge etc., co	er structurce had ce of all orter lift er structurce had complete er structurce had content lift er structurce had content lift er structurce had content lift er structurch e	est and congrate, was an all matering entering e	conveyance ter etc., to erials inclu laying co to; but inc CM 1:6 (C imum crus s like cemetc comple CM 1:8 (C imum crus s like cemetc comple at with in terials like r taxes on g cost of a including hed item	e of all made of site and adding all of norete vill l; uding continued and site and adding stream of the site and adding stream of the company of work all material labour of work all some of wo	aterials like d including operational, brating and ost of steel 0.05 Sand) using ength of 40 d water etc, 1.03 Sand) using ength of 40 d water etc, 2.71 with dubara sand, water ials, and all charges for Grooves as for internal 28.21 nick,top laid	Cum Sqm	2,854.62	1	2,939.00 7,526.00

Abstract estimate of Toilet Block

S.no	Description	Nos	Length	Breadth	Height	Quantity	Units	Rate	Per	Amount
10	White washing Two coats with whiting of throughly brushing the surface to remove materials including cost of all materials, a scaffolding, lift charges etc., complete for	all din	t and rema	ains of loos nd incidenta	se powder al such as	red				
						28.21	Sqm	177.68	10	501.00
11	Providing Painting to new iron work with two coats of synthetic enamel paint of grade 1 approved brand and shade over the base coat of appropriate redoxide primer of approved brand making 3-coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powedered materials, including all operational, incidental charges including cost of brushes and all labour charges etc., complete fro internal									
	Doors					2.48	Sqm	747.00	10	185.00
12	Providing and fixing frame made from 1	2 mm r	nowder co	ated cold r	olled stee	l profiles o	-			
12	Providing and fixing frame made from 1. overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc.	n with hutter of powder very 1' MS too	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary 15 X 18 X nm thick E- ops 2 Nos onveyance				
12	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum	n with hutter of powder very 1' MS too	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary 15 X 18 X nm thick E- ops 2 Nos onveyance		1400.00	1	1,733.00
12	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc.	n with hutter of powder very 1' MS too and 2	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary e 15 X 18 X nm thick E- ops 2 Nos onveyance eaint as per		1400.00	1	1,733.00
	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc. Doors D 0.75 x 1.65	n with hutter of powder very 1' MS too and 2	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary e 15 X 18 X nm thick E- ops 2 Nos onveyance eaint as per		1400.00	1	1,733.00
	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc. Doors D 0.75 x 1.65	n with hutter of powder very 1' MS too and 2	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary e 15 X 18 X mm thick E- rops 2 Nos onveyance paint as per	Sqm	I WE THE MAKES SEA		94.00
13	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc. Doors D 0.75 x 1.65 Supply and Fixing of 25mm thick CC Jalian	n with hutter of powder very 1' MS too and 2	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary a 15 X 18 X mm thick E- rops 2 Nos onveyance aint as per	Sqm Sqm	189.00	1	94.00
13	overall section size of 60 mm x 45 mm stiffeners hinges and screws. E-board s 15 mm made from 0.8 mm thick CRCA board with necessary screws fixed at e MS Nickel coated 250 mm long 1 No. One coat of primer, 2 coats of luppum approved colour, labour charges etc. Doors D 0.75 x 1.65 Supply and Fixing of 25mm thick CC Jali Provision for water closet	n with hutter of powder very 1' MS too and 2	21 mm rowith alrour coated s -0" intervaluer bolt in	ivet for sh nd 'U' lippi teel profile al 250 mm ncluding co	utter with ng of size with 16 r long aldr ost and c	necessary 15 X 18 X mm thick E- rops 2 Nos onveyance raint as per	Sqm Sqm No	189.00 1000.00	1	

Detailed estimate Name of the work: Construction of Toilet Unit of size 3'-0 x 5'-0 to School building in AP State SI. Measurements Description of Item No Quantity No. Length Breadth Earthwork in excavation for structures as per drawing & technical specifications clause 305.1 including setting out, construction of shoring & bracing, removal of stumps & other deleterious material & disposal upto a lead of 50m, dressing of sides & bottom & backfilling in trenches with excavated suitable material as per Tech., Specification 305 MORD/304 MORTH upto 3.00m depth for foundations. Allround Water Closet 5.72 0.60 0.45 1x1 1.54 Pits TT/4 1.20 1.20 1.00 1.13 2.67 Cum 2 Plain Cement concrete (1:4:8) using 40 mm metal including cost & conveyance of all materials and all labour charges etc., complete with concrete mixture for all work upto plinth level. Allround Water Closet 1x1 0.10 0.34 0.34 Cum 3 Brick work in CM (1:6) using 2nd class bricks traditional size 23x11x7cms including cost and conveyance of all materials and all labour charges etc., for Foundations & Basement. 1st Footing: Allround Water Closet 1x1 5.72 0.30 0.30 0.51 2nd Footing: Allround Water Closet 1x1 5.72 0.30 0.30 0.51 1.03 Cum 4 Refilling with use ful available excavated earth in trenches, sides of foundations, basement with initial lead in layers not exceeding 15cm. thick, consolidating each deposited layer by watering and ramming, including cost, seignorage charges and conveyance of sand, and water to work site and all operational, incidental, labour charges, etc. complete for finished item of work Toilet Inside 0.83 0.20 1x1 1.43 0.24 0.24 Cum 5 Brick work in CM (1:8) using 2nd class bricks traditional size 23x11x7cms including cost and conveyance of all materials and all labour charges etc., for Super Structure walls (Wall thickness 0.23 mts) Allround Water Closet 1x1 5.72 0.23 2.25 2.96 Deductions: Door portion 1x1 0.75 0.23 -0.382.18 Ventilators portion 0.60 1x1 0.23 0.60 -0.08 portion 0.45 1x1 0.11 0.30 -0.01Water tub two sides 1x1 1.35 0.11 0.90 0.13 Pits TT/4 1.10 0.10 1.00 0.09 2.71 Cum 6 AC sheet roofing with corricated AC sheet including cost and conveyance of all materials and all labour charges Over Water Closet block only 1.40 2.10 2.94 Sqm 7 RCC M20 nominal mix (cement:fine aggregate:coarse aggregate) corresponding to table 9 of IS:456 using 20mm size graded machine crushed hard metal (coarse aggregate) from approved quaarry including cost and conveyance of all materials like cement, fine aggregate, (sand) coarse aggregate, water etc., to site and including seigneiorage charges sales and other taxes on all materials including all operational, incidental and labour charges such as machine mixing laying concrete vibrating and curing with necessary steel shuttering and centering etc; but incl;uding cost of steel reinforcement and fabrication charges Covering slabs TT/4 1.20 0.05 0.05 Cum 8 Supply and fixing of G.I.Sheet Door shutter of size: 0.75 x 1.65 Mts manufacturing with C.W.Scantallings including cost and conveyence of all materials&all labour charges & fixing of all iron fittings&fixtures etc.,complete. Doors D 0.75 x 1.65 0.75 1.65 1.24

Description of Item	No	IV	Overstite						
Description of item	NO	Length	Breadth	Depth	Quantity				
					Nos				
Plastaring with C.M(1:5)12mm thick including cost and conveyence of all materials and all labour charges etc., complete.									
Allround inside toilet	1x1	4.80	0.00	2.25	10.80				
Allround outside toilet	1x1	6.64	0.00	2.25	14.94				
Deductions: Door portion	1x1	0.75	0.00	2.18	-1.64				
Ventilator two sides	1x2	0.45	0.00	0.30	-0.27				
Deduct water tub portion	1x2	0.11	0.00	0.90	-0.20				
water tub inside allround	1x1	2.50	0.00	0.90	2.25				
" " top	1x1	1.36	0.11	- handed and bearing a second	0.15				
" " outside	1x1	1.47			1.32				
Pits	TT/4	1.10		1000000	0.86				
					28.21				
					Sqm				
Cost, Supply & fixing of 25mm thick Cement Cor	ncrete Jali	's etc.,compl	ete.		Oqiii				
	1x1	0.60	0.00	0.60	0.36				
	1x1	0.45	0.00	0.30	0.14				
					0.50				
					Sam				
Ellispattren flooring with CC(1:5:10) using 40mm size HBG metal to 80mm thick,top laid with CC(1:2:4) using 20mm size HBG chips to 40mm thick⊤ finishing with CM(1:3) using 0.07 Cum/10Sqm etc.,complete.									
Toilet Inside	1x1	1.50	0.90	0.00	1.35				
				353555	1.35				
White washing Two coats with whiting of approved quality to give an even shade after throughly brushing the surface to remove all dirt and remains of loose powdered materials									
White washing I wo coats with whiting of ap- throughly brushing the surface to remove all of	oproved o dirt and r	quality to given emains of lo	ve an even s ose powdere	shade after d materials	Sqm				
throughly brushing the surface to remove all Quantity as plastering	oproved of dirt and r	quality to given emains of lo	ve an even s oose powdere	shade after d materials	Sqm				
throughly brushing the surface to remove all	dirt and r	quality to given emains of lo	ve an even s	shade after d materials	Sqm 28.21				
throughly brushing the surface to remove all	dirt and r	quality to givenains of lo	ve an even s	shade after d materials	28.21 28.21				
throughly brushing the surface to remove all	dirt and r	emains of lo	amil paint ove	d materials	Sqm 28.21				
Quantity as plastering Painting to New Iron work with two coats of reaccoat of Red-oxide including cost & conveyar	dirt and r	emains of lo	amil paint ove	d materials	28.21 28.21				
E (Allround outside toilet Deductions: Door portion Ventilator two sides Deduct water tub portion water tub inside allround " " top " " outside Pits Cost,Supply & fixing of 25mm thick Cement Cor Ellispattren flooring with CC(1:5:10) using 40m CC(1:2:4) using 20mm size HBG chips to 40m Cum/10Sqm etc.,complete.	Allround outside toilet 1x1 Deductions: Door portion 1x1 Ventilator two sides 1x2 Deduct water tub portion 1x2 water tub inside allround 1x1 " " top 1x1 " " outside 1x1 Pits TT/4 Cost,Supply & fixing of 25mm thick Cement Concrete Jali 1x1 1x1 Ellispattren flooring with CC(1:5:10) using 40mm size HI CC(1:2:4) using 20mm size HBG chips to 40mm thick&i Cum/10Sqm etc.,complete.	Allround outside toilet	Allround outside toilet 1x1 6.64 0.00 Deductions: Door portion 1x1 0.75 0.00 Ventilator two sides 1x2 0.45 0.00 Deduct water tub portion 1x2 0.11 0.00 water tub inside allround 1x1 2.50 0.00 " " top 1x1 1.36 0.11 " " outside 1x1 1.47 0.00 Pits TT/4 1.10 Cost,Supply & fixing of 25mm thick Cement Concrete Jali's etc.,complete. 1x1 0.60 0.00 1x1 0.45 0.00 Ellispattren flooring with CC(1:5:10) using 40mm size HBG metal to 80mm thick,tc CC(1:2:4) using 20mm size HBG chips to 40mm thick⊤ finishing with CM(1:3) Cum/10Sqm etc.,complete.	Allround outside toilet 1x1 6.64 0.00 2.25 Deductions: Door portion 1x1 0.75 0.00 2.18 Ventilator two sides 1x2 0.45 0.00 0.30 Deduct water tub portion 1x2 0.11 0.00 0.90 water tub inside allround 1x1 2.50 0.00 0.90 " " top 1x1 1.36 0.11 0.00 " " outside 1x1 1.47 0.00 0.90 Pits TT/4 1.10 1.00 Cost, Supply & fixing of 25mm thick Cement Concrete Jali's etc., complete. 1x1 0.60 0.00 0.60 1x1 0.45 0.00 0.30 Ellispattren flooring with CC(1:5:10) using 40mm size HBG metal to 80mm thick, top laid with CC(1:2:4) using 20mm size HBG chips to 40mm thick⊤ finishing with CM(1:3) using 0.07 Cum/10Sqm etc., complete.				

Name of the work: Construction of Toilet Unit of size 3'-0 x 5'-0 to School building in AP State

