



Southern Builder

Bulletin of Builders Association of India - Southern Centre
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May, 2018



68th Annual General Body Meeting



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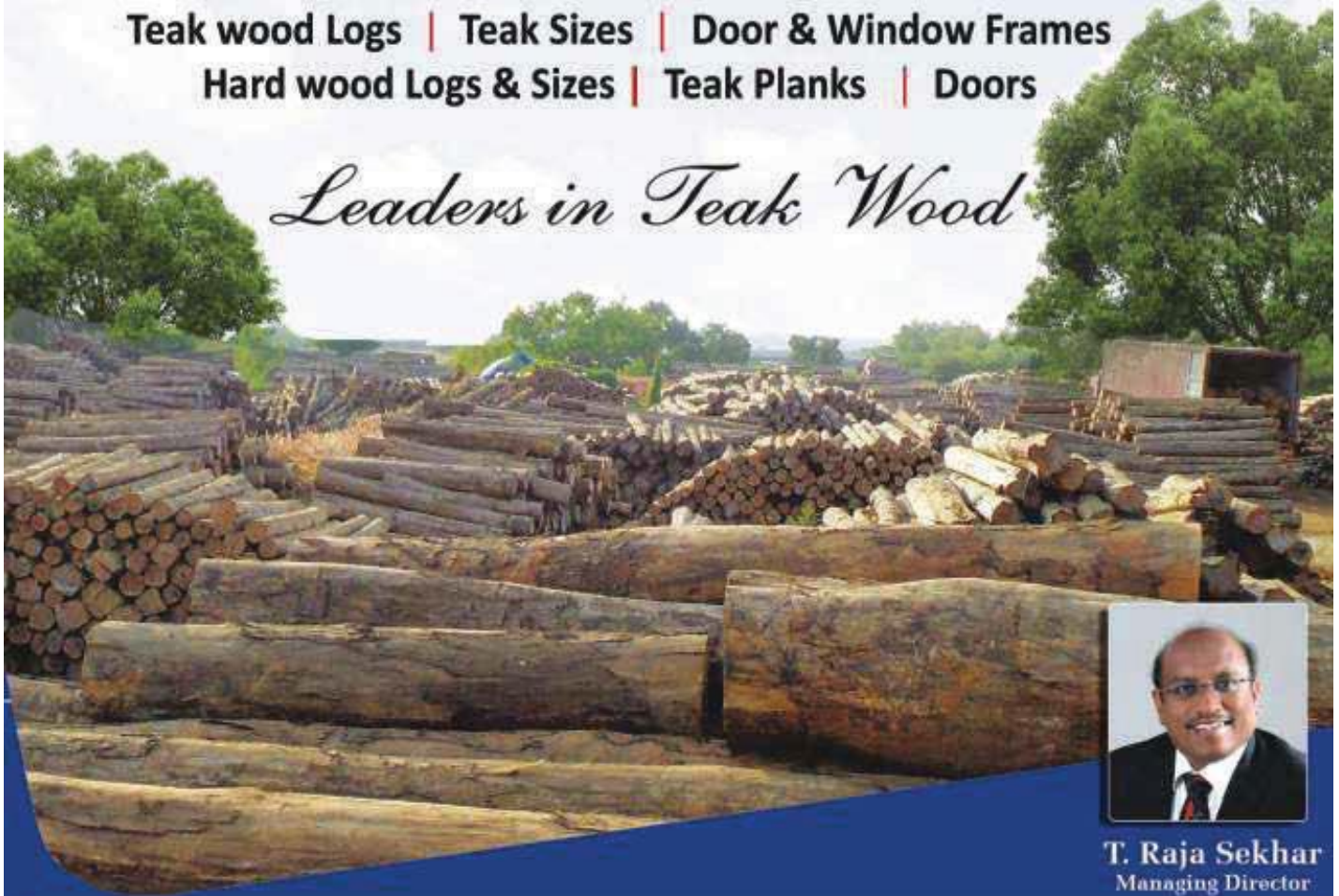
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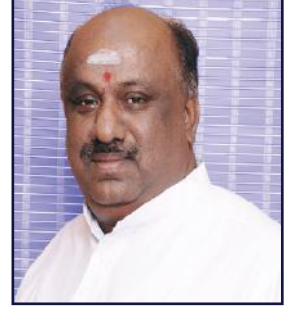
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ஆசிரியர் மடல்



வணக்கம் !

ஒரு கோவில் மண்டபத்தின் வாசலில் இரண்டு வழிப்போக்கர்கள் அமர்ந்திருந்தனர். இரவு நேரம். பெருத்த மழை. அப்போது அங்கே மற்றொருவரும் வந்து சேர்ந்தார். வந்தவர் நானும் இரவு இங்கே தங்கலாமா என்று கேட்டார். அதற்கென்ன தாராளமாய் தங்குங்கள் என்றார்கள். சிறிது நேரம் கழித்து எனக்கு சாப்பிட ஏதாவது கிடைக்குமா ? என்றார் வந்தவர். இருவரில் முன்னவர் சொன்னார், என்னிடம் ஐந்து ரொட்டிகள் இருக்கின்றது என்றார். இரண்டாமவர் என்னிடம் மூன்று ரொட்டிகள் இருக்கின்றது என்றார், ஆக மொத்தம் எட்டு ரொட்டிகள், இதனை நாம் எப்படி மூவரும் சமமாய் பிரித்துக் கொள்ள முடியும் ? என்றார். மூன்றாம் நபர், இதற்கு நான் ஒரு வழி சொல்கிறேன். என்றார். (தேவை உள்ளவன்தான் தீர்வு சொல்வான்).

நீங்கள் உங்கள் ரொட்டிகளை, ஒவ்வொரு ரொட்டியையும் மூன்று துண்டுகள் போடுங்கள். இப்போது இருபத்து நான்கு துண்டுகள் கிடைக்கும். நாம் மூவரும் ஆளுக்கு எட்டு துண்டுகள் எடுத்துக் கொள்ளலாம் என்றார். இது சரியான யோசனை என்று அப்படியே செய்தனர். ஆளுக்கு எட்டு துண்டு ரொட்டிகளை சாப்பிட்டுவிட்டு உறங்கினார்கள்.

பொழுது விடிந்தது. மழையும் நின்றது. மூன்றாவதாய் வந்தவர் கிளம்பும்போது, உங்கள் உதவிக்கு மிக்க நன்றி, என்று சொல்லி எட்டு தங்க நாணயங்களை கொடுத்து, நீங்கள் உங்களுக்குள் பிரித்துக் கொள்ளுங்கள் என்று சொல்லிவிட்டு விடை பெற்றார். மூன்று ரொட்டிகளை கொடுத்தவர். அந்த காசுகளை சமமாகப் பிரித்து, ஆளுக்கு நான்காய் எடுத்துக் கொள்ளலாம் என்றார். ஐந்து ரொட்டிகள் கொடுத்தவர் எனக்கு ஐந்து காசுகள் என்று வாதிட்டார். மூன்று ரொட்டிகள் கொடுத்தவர் ஒப்புக் கொள்ளவில்லை. என்னிடம் மூன்றே ரொட்டிகள் இருந்தபோதும், நான் பங்கிட சம்மதித்தேன். நிறைய இருப்பவன் கொடுப்பது ஒன்றும் பெரிய செயல் ஆகாது. அதனால் என் செய்கையே பாராட்டத்தக்கது, என்றாலும் பரவாயில்லை சமமாகவே பங்கிடுவோம் என்றார்.

சுமுகமான முடிவு எட்டாததால், விஷயம் அரச சபைக்கு சென்றது. அரசனுக்கு யார் சொல்வது சரி என்று புரியவில்லை. நாளை தீர்ப்பு சொல்வதாய் அறிவித்து அரசமனைக்கு சென்றான். மன்னருக்கு இரவு முழுவதும் இதே சிந்தனை. வெகு நேரம் கழித்தே தூங்க முடிந்தது. அடுத்த நாள் சபை கூடியது. மன்னர் இருவரையும் அழைத்தார். மூன்று ரொட்டிகளை கொடுத்தவருக்கு ஒரு காசும், ஐந்து ரொட்டிகளை கொடுத்தவருக்கு ஏழு காசுகளும் கொடுத்தார். ஒரு காசு வழங்கப்பட்டவர் “மன்னா ! இது அநியாயம், அவரே எனக்கு மூன்று காசுகள் கொடுக்க ஒப்புக் கொண்டார்.” என்றார்.

அரசர் சொன்னார் நீ கொடுத்தது ஒன்பது துண்டுகள். அதிலும் எட்டு துண்டுகள் உன்னிடமே வந்து விட்டது. அவன் தந்தது பதினைந்து துண்டுகள். அவனுக்கும் எட்டு துண்டுகள்தான் கிடைத்தது. ஆக நீ தருமம் செய்தது ஒரு துண்டு ரொட்டி. இதற்கு இதுவே அதிகம். அவர் தருமம் செய்தது ஏழு துண்டுகள். ஒரு துண்டுக்கு ஒரு காசு வீதம் பிரித்துக் கொடுத்திருக்கிறேன் என்றார்.

தர்மத்தின் கணக்கு நீங்கள் இழந்ததை எல்லாம் தருவது அல்ல. எது உங்களுக்கு தகுதியானதோ அதுதான் உங்களுக்கு.

ஓர்ந்துகண் ணோடாது இறைபுரிந்து யார்மாட்டும்
தோத்துசெய் வஃதே முறை

- திருக்குறள்

அன்புடன்
மு. மோகன்



மய்யத் தலைவர் மடல்



அன்புடையீர் வணக்கம் !

தென்னக மய்யத்தின் 68வது ஆண்டு மகாசபைக் கூட்டம் மே மாதம் 30ந் தேதி சென்னை, எழும்பூர், அசோகா ஓட்டலில் நடைபெற்றது.

வரும் ஜூன் மாதம் 15ம் தேதி காலை சென்னை மனப்பாக்கத்தில் உள்ள L&T வளாகத்தில் கட்டுமானத்துறையின் நவீன தொழில் நுட்பங்கள் (Modern Technologies in Construction Industry) குறித்த கருத்தரங்கம் நடைபெற உள்ளது. இது குறித்த மின் அஞ்சல் உறுப்பினர்கள் அனைவருக்கும் அனுப்பப்பட்டுள்ளது. குறிப்பிட்ட அளவே அரங்கத்தில் கலந்து கொள்ள முடியும் என்பதால் முன் பதிவு செய்து கொள்ள கேட்டுக் கொள்ளப்பட்டுள்ளது.

வரும் ஜூன் மாதம் 17ந் தேதி காலை 9.00 மணி முதல் சென்னை மாதவரம் உள் வட்ட சாலையில் Wolfs நிறுவனம் கட்டுமானப் பணியிடத்தில தொழிலாளர்கள் நல மருத்துவ முகாம் நடைபெறவுள்ளது. இதில் அப்பல்லோ மருத்துவ மனை, சவீதா பல் மருத்துவ மனை, அரசு கண் மருத்துவமனை மருத்துவர்கள் தொழிலாளர்களுக்கு முழு உடல் மருத்துவ பரிசோதனை (Master Health Checkup) செய்து கட்டுநர் சங்கம் சார்பாக அவர்களுக்கு இலவச மருத்துவ உதவிகளும், கண்ணாடி மற்றும் மருந்துகளும் வழங்க உள்ளோம்.

தென்னக மய்யத்தின் உறுப்பினர்களது சேவைக்காக துணைக்குழுக்கள் அமைக்கப்பட்டு அதன் விபரம் சென்ற மாத இதழில் பிரசுரிக்கப்பட்டுள்ளது. உறுப்பினர்கள் தங்களுக்கு தேவையான விபரங்களை துணைக் குழு உறுப்பினர்களை அணுகி அறிந்து கொள்ளலாம்.

மய்யத்தின் செயல்பாடுகளை மேலும் செம்மைப்படுத்த உறுப்பினர்களது மேலான ஆலோசனைகளை எங்களுக்கு எழுதி அனுப்ப வேண்டுகிறேன்.

L. வெங்கடேசன்
தலைவர்

Ground Improvement Techniques



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The ground can be improved by adapting certain ground improvement techniques. Vibro-compaction increases the density of the soil by using powerful depth vibrators. Vacuum consolidation is used for improving soft soils by using a vacuum pump. Preloading method is used to remove pore water over time. Heating is used to form a crystalline or glass product by electric current. Ground freezing converts pore water to ice to increase their combined strength and make them impervious. Vibro replacement stone columns improve the bearing capacity of soil whereas Vibro displacement method displaces the soil. Electro osmosis makes water flow through fine grained soils. Electro kinetic stabilization is the application of electro osmosis. Reinforced soil steel is used for retaining structures, sloping walls, dams etc.... seismic loading is suited for construction in seismically active regions. Mechanically stabilized earth structures create a reinforced soil mass. The geo methods like Geosynthesis, Geogrid etc.... are discussed. Soil nailing increases the shear strength of the in-situ soil and restrains its displacement. Micro pile gives the structural support and used for repair/replacement of existing foundations. Grouting is injection of pumpable materials to increase its rigidity. The jet grouting is quite advanced in speed as well as techniques when compared with the general grouting.

GROUND IMPROVEMENT

Rapid urban and industrial growth demands more land for further development. In order to meet this demand land reclamation and utilization of unsuitable and environmentally affected lands have been taken up. These, hitherto useless lands for construction have been converted to be useful ones by adopting one or more ground improvement techniques. The field of ground improvement techniques has been recognized as an important and rapidly expanding one.



GROUND IMPROVEMENT TECHNIQUES

1. VIBRO-COMPACTION

Vibro-compaction, sometimes referred to as Vibrofloatation, is the rearrangement of soil particles into a denser configuration by the use of powerful depth vibration. Vibrocompaction is a ground improvement process for densifying loose sands to create stable foundation soils. The principle behind vibro-compaction is simple. The combined action of vibration and water saturation by jetting rearranges loose sand grains into a more compact state. Vibrocompaction is performed with specially-designed vibrating probes. Both horizontal and vertical modes of vibration have been used in the past. The vibra-



tors used by TerraSystems consist of torpedo-shaped probes 12 to 16 inches in diameter which vibrates at frequencies typically in the range of 30 to 50 Hz. The probe is first inserted into the ground by both jetting and vibration. After the probe reaches the required depth of compaction, granular material, usually sand, is added from the ground surface to fill the void space created by the vibrator. A compacted radial zone of granular material is created

APPLICATIONS

- ◆ Reduction of foundation settlements.
- ◆ Reduction of risk of liquefaction due to seismic activity.
- ◆ Permit construction on granular fills.

2. VACCUM CONSOLIDATION

Vacuum Consolidation is an effective means for improvement of saturated soft soils. The soil site is covered with an airtight membrane and vacuum is created underneath it by using dual venture and vacuum pump. The technology can provide an equivalent pre-loading of about 4.5m high conventional surcharge fill. Vacuum-assisted consolidation preloads the soil by reducing the pore pressure while maintaining a constant total stress.

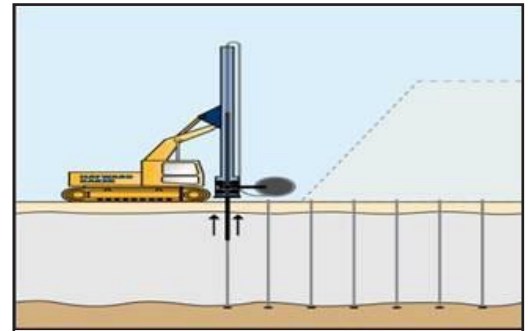


APPLICATIONS

- ◆ Replace standard pre-loading techniques eliminating the risk of failure.
- ◆ Combine with a water pre-loading in scare fill area. The method is used to build large developments on thick compressible soil.
- ◆ Combine with embankment pre-load using the increased stability

3. PRELOADING

Preloading has been used for many years without change in the method or application to improve soil properties. Preloading or pre-compression is the process of placing additional vertical stress on a compressible soil to remove pore water over time. The pore water dissipation reduces the total volume causing settlement. Surcharging is an economical method for ground improvement. However, the consolidation of the soils is time dependent, delaying construction projects making it a non-feasible alternative.



The soils treated are Organic silt, Varved silts and clays, soft clay, Dredged material The design considerations which should be made are bearing capacity, Slope stability, Degree of consolidation.

- ◆ Reduce post-construction
- ◆ Settlement
- ◆ Reduce secondary compression.
- ◆ Densification
- ◆ Improve bearing capacity
- ◆ Combine with embankment pre-load using the increased stability

4. HEATING

Heating or vitrification breaks the soil particle down to form a crystalline or glass product. It uses electrical current to heat the soil and modify the physical characteristics of the soil. Heating soils permanently alters the properties of the soil. Depending on the soil, temperatures can range between 300 and 1000 degree Celsius. The impact on adjacent structures and utilities should be considered when heating is used.

APPLICATIONS

- ◆ Immobilization of radioactive or contaminated soil
- ◆ Densification and stabilization

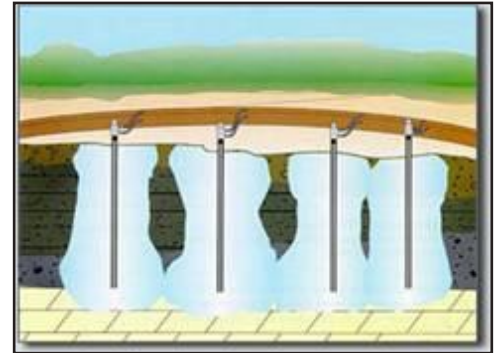


5. GROUND FREEZING

Ground freezing is the use of refrigeration to convert in-situ pore water to ice. The ice then acts as a cement or glue, bonding together adjacent particles of soil or blocks of rock to increase their combined strength and make them impervious. The ground freezing considerations are Thermal analysis, Refrigeration system geometry, Thermal properties of soil and rock, freezing rates, Energy requirements, Coolant/refrigerant distribution system analysis.

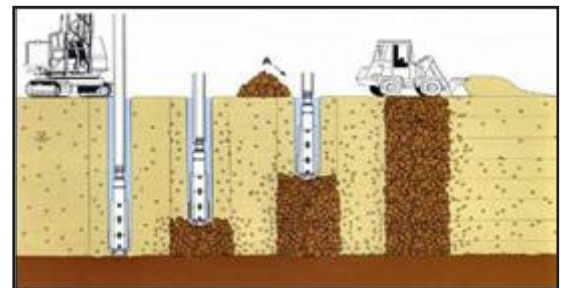
GROUND FREEZING APPLICATIONS:

- ◆ Temporary underpinning
- ◆ Temporary support for an excavation
- ◆ Prevention of groundwater flow into excavated area
- ◆ Temporary slope stabilization
- ◆ Temporary containment of toxic/hazardous waste contamination



6.VIBRO-REPLACEMENT STONE COLUMNS

Vibro-Replacement extends the range of soils that can be improved by vibratory techniques to include cohesive soils. Reinforcement of the soil with compacted granular columns or “stone columns” is accomplished by the top-feed method. The important Vibro-replacement stone columns are Ground conditions, Relative density, Degree of saturation, Permeation.



A schematic showing the vibro replacement process

PRINCIPLES OF VIBRO-REPLACEMENT

The stone columns and intervening soil form an integrated foundation support system having low compressibility and improved load bearing capacity. In cohesive soils, excess pore water pressure is readily dissipated by the stone columns and for this reason, reduced settlements occur at a faster rate than is normally the case with cohesive soils.

There are different types of installation methods which can be broadly classified in the following manner:

- ◆ Wet top feed method
- ◆ Dry bottom feed method
- ◆ Offshore bottom feed method

Summary: Vibro Replacement

Principle	<ul style="list-style-type: none"> ◆ Reinforcement ◆ Drainage
Applicable soil(s)	<ul style="list-style-type: none"> ◆ Mixed deposits of clay, silt and sand ◆ Soft and ultra soft silts (slimes) ◆ Soft and ultra soft clays ◆ Garbage fills
Effect(s)	<ul style="list-style-type: none"> ◆ Increased shear strength ◆ Increased stiffness ◆ Reduced liquefaction potential
Common applications	<ul style="list-style-type: none"> ◆ Airport taxiways and runways ◆ Chemical plants ◆ Storage tanks & silos ◆ Pipelines ◆ Bridge abutments and approaches ◆ Offshore bridge abutments ◆ Road and railway embankments
Maximum depth	<ul style="list-style-type: none"> ◆ 20-40 m
Land / offshore application	<ul style="list-style-type: none"> ◆ Both

VIBRO-REPLACEMENT APPLICATIONS

- ◆ Reduction of foundation settlement
- ◆ Improve bearing capacity/reduce footing size requirements
- ◆ Reduction of the risk of liquefaction due to seismic activity
- ◆ Slope stabilization
- ◆ Permit construction on fills
- ◆ Permit shallow footing construction



GROUND TYPE

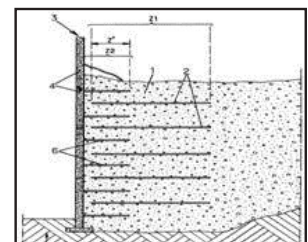
- SANDS
- SILTY SANDS
- SILTS
- CLAYS
- MINESPOILS
- DUMPED FILL
- GARBAGE

RELATIVE EFFECTIVENESS

- EXCELLENT
- EXCELLENT
- GOOD
- MARGINAL TO GOOD
- EXCELLENT(DEPENDING ON GRADATION)
- GOOD
- NOT APPLICABLE

MECHANICALLY STABILIZED EARTH STRUCTURES

A segmental, precast facing mechanically stabilized earth wall employs metallic (strip or bar mat) or geosynthetic (geogrid or geotextile) reinforcement that is connected to a precast concrete or prefabricated metal facing panel to create a reinforced soil mass.



PRINCIPLES

- ◆ The reinforcement is placed in horizontal layers between successive layers of granular soil backfill. Each layer of backfill consists of one or more compacted lifts.
- ◆ A free draining, non plastic backfill soil is required to ensure adequate performance of the wall system.
- ◆ For walls reinforced with metallic strips, load is transferred from the backfill soil to the strip reinforcement by shear along the interface.
- ◆ For walls with ribbed strips, bar mats, or grid reinforcement, load is similarly transferred but an additional component of strength is obtained through the passive resistance on the transverse members of the reinforcement.
- ◆ Facing panels are typically square, rectangular, hexagonal or cruciform in shape and are up to 4.5m ² in area.
- ◆ MSEW- Mechanically Stabilized Earth Walls, when the face batter is generally steeper than 70 degrees.
- ◆ RSS- Reinforced Soil Slopes, when the face batter is shallower.

APPLICATIONS

- ◆ RSS structures are cost effective alternatives for new construction where the cost of embankment fill, right-of-way, and other consideration may make a steeper slope desirable.
- ◆ Another use of reinforcement in engineered slopes is to improve compaction at the edges of a slope to decrease the tendency for surface sloughing.

DESIGN

Current practice consists of determining the geometric reinforcement to prevent internal and external failure using limit equilibrium of analysis.

SOIL NAILING

The fundamental concept of soil nailing consists of reinforcing the ground by passive inclusions, closely spaced, to create in-situ soil and restrain its displacements. The basic design consists of transferring the resisting tensile forces generated in the inclusions into the ground through the friction mobilized at the interfaces.



APPLICATIONS

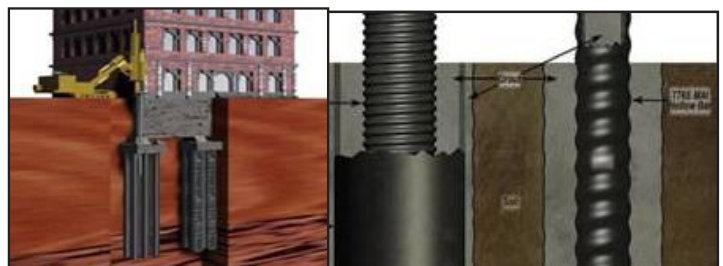
- ◆ Stabilization of railroad and highway cut slopes
- ◆ Excavation retaining structures in urban areas for high-rise building and underground facilities
- ◆ Tunnel portals in steep and unstable stratified slopes
- ◆ Construction and retrofitting of bridge abutments with complex boundaries involving wall support under piled foundations

MICRO PILES

Micro-piles are small diameter piles (up to 300 mm), with the capability of sustaining high loads (compressive loads of over 5000 KN). The drilling equipment and methods allows micro – piles to be drilled through virtually every ground conditions, natural and artificial, with minimal vibration, disturbances and noise, at any angle below horizontal. The equipment can be further adapted to operate in locations with low headroom and severely restricted access.

APPLICATIONS

- ◆ For Structural Support and stability
- ◆ Foundation for new structures
- ◆ Repair / Replacement of existing foundations
- ◆ Arresting / Prevention of movement
- ◆ Embankment, slope and landslide stabilization
- ◆ Soil strengthening and protection



EXAMPLE

In India, in some circumstances steel pipes, coated wooden piles are used as cost-effective Options in improving the bearing capacity of foundation or restrict Displacements to tolerable levels and similar uses in stabilization of slopes, strengthening of foundations are common. Sridharan and Murthy (1993) described a Case study in which a ten-storeyed building, originally in a precarious condition due To differential settlement, was restored to safety using micropiles. Galvanized steel Pipes of 100 mm diameter and 10 m long with bottom end closed with shoe, driven at An angle of 60o with the horizontal were used and the friction between the pile and The soil was used as the design basis in evolving the remedial measures. A similar Attempt was made in the present case study in which the bearing capacity of the Existing foundation system of a building was restored to safety using micropiles.

GENERAL GROUTING

Grouting is the injection of pumpable materials into a soil or rock formation to change the physical characteristics of the formation. Grouting selection considerations are Site specific requirement, Soil type, Soil groutability, Porosity. Grouting can be prevented by Collapse of granular soils, Settlement under adjacent foundations, Utilities damage, Day lighting. Grouting can provide In-creased soil strength and rigidity, reduced ground movement, Predictable degree of improvement

DESIGN STEPS

- ◆ Identify underground construction problem.
- ◆ Establish objectives of grouting program.
- ◆ Perform special geotechnical study.
- ◆ Develop initial grouting program.
- ◆ Develop performance prediction.
- ◆ Compare with other solutions.
- ◆ Refine design and prepare specifications.

GROUTING TECHNIQUES

The various injection grouting techniques used by grouting contractors for ground improvement / ground modification can be summarized as follows:

- ◆ Permeation
- ◆ Compaction Grouting:
- ◆ Claquage
- ◆ Jet Grouting

JET GROUTING

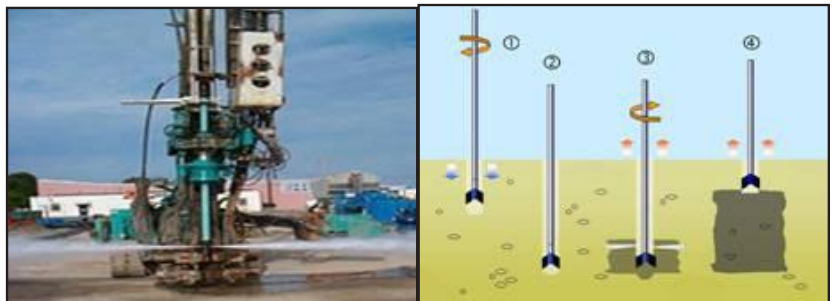
Jet grouting is a general term used by grouting contractors to describe various construction techniques used for ground modification or ground improvement. Grouting contractors use ultra high-pressure fluids or binders that are injected into the soils at high velocities. These binders break up the soil structure completely and mix the soil particles in-situ to create a homogeneous mass, which in turn solidifies. This ground modification / ground improvement of the soil plays an important role in the fields of foundation stability, particularly in the treatment of load bearing soils under new and existing buildings; in the in-depth impermeabilization of water bearing soils; in tunnel construction; and to mitigate the movement of impacted soils and groundwater.

EXAMPLE

Teesta Dam – India

Cut off / jet grouting and grouting

Upstream & downstream coffer dams.
2 cut-off walls by grouting and jet grouting.



TAX CORNER

E Way Bill System at a Glance:

What is an eWay Bill?

EWay Bill is an electronic way bill for movement of goods which can be generated on the eWay Bill Portal. Transport of goods of more than Rs. 50,000 (Single Invoice/bill/delivery challan) in value in a vehicle cannot be made by a registered person without an eWay bill.

Alternatively, EWay bill can also be generated or cancelled through SMS, Android App and by Site-to-Site Integration(through API).

When an eWay bill is generated a unique eWay bill number (EBN) is allocated and is available to the supplier, recipient, and the transporter.

When Should eWay Bill be issued?

eWay bill will be generated when there is a movement of goods in a vehicle/ conveyance of value more than Rs. 50,000(either each Invoice or in (aggregate of all Invoices in a vehicle/ Conveyance)*) –

- In relation to a 'supply'
- For reasons other than a 'supply' (say a return)
- Due to inward 'supply' from an unregistered person

For this purpose, a supply may be either of the following:

- A supply made for a consideration (payment) in the course of business
- A supply made for a consideration (payment) which may not be in the course of business
- A supply without consideration (without payment)In simpler terms, the term 'supply' usually means a:
 1. Sale – sale of goods and payment made
 2. Transfer – branch transfers for instance
 3. Barter/Exchange – wh
 4. ere the payment is by goods instead of in money

Therefore, eWay Bills must be generated on the common portal for all these types of movements.

For certain specified Goods, the eWay bill needs to be generated mandatorily even if the Value of the consignment of Goods is less than Rs. 50,000:

1. Inter-State movement of Goods by the Principal to the Job-worker by Principal/ registered Job-worker***,
2. Inter-State Transport of Handicraft goods by a dealer exempted from GST registration



Who should Generate an eWay Bill?

- **Registered Person** – Eway bill must be generated when there is a movement of goods of more than Rs 50,000 in value to or from a Registered Person. A Registered person or the transporter may choose to generate and carry away bill even if the value of goods is less than Rs 50,000.
- **Unregistered Persons** – Unregistered persons are also required to generate e-Way Bill. However, where a supply is made by an unregistered person to a registered person, the receiver will have to ensure all the compliances are met as if they were the supplier.
- **Transporter** – Transporters carrying goods by road, air, rail, etc. also need to generate e-Way Bill if the supplier has not generated an e-Way Bill.

Unregistered Transporters will be issued Transporter ID on enrolling on the e-way bill portal after which Eway bills can be generated.

Who	When	Part	Form
Every Registered person under GST	Before movement of goods	Fill Part A	Form GST EWB-01
Registered person is consignor or consignee (mode of transport may be owned or hired) OR is recipient of goods	Before movement of goods	Fill Part B	Form GST EWB-01
Registered person is consignor or consignee and goods are handed over to transporter of goods	Before movement of goods	Fill Part B	The registered person shall furnish the information relating to the transporter in Part B of FORM GST EWB-01
Transporter of goods	Before movement of goods		Generate e-way bill on basis of information shared by the registered person in Part A of FORM GST EWB-01
An unregistered person under GST and recipient is registered	Compliance to be done by Recipient as if he is the Supplier.		1. If the goods are transported for a distance of fifty kilometers or less, within the same State/Union territory from the place of business of the consignor to the place of

			<p>business of the transporter for further transportation, the supplier or the transporter may not furnish the details of conveyance in Part B of FORM GST EWB-01.</p> <p>2. If supply is made by air, ship or railways, then the information in Part A of FORM GST EWB-01 has to be filled in by the consignor or the recipient</p>
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Note: If a transporter is transporting multiple consignments in a single conveyance, they can use the form GST EWB-02 to produce a consolidated e-way bill, by providing the e-way bill numbers of each consignment.

If both the consignor and the consignee have not created an e-way bill, then the transporter can do so * by filling out PART A of FORM GST EWB-01 on the basis of the invoice/bill of supply/delivery challan given to them.

Cases when eWay bill is Not Required

In the following cases it is not necessary to generate e-Way Bil:

1. The mode of transport is non-motor vehicle
2. Goods transported from Customs port, airport, air cargo complex or land customs station to Inland Container Depot (ICD) or Container Freight Station (CFS) for clearance by Customs.
3. Goods transported under Customs supervision or under customs seal
4. Goods transported under Customs Bond from ICD to Customs port or from one custom station to another.
5. Transit cargo transported to or from Nepal or Bhutan
6. Movement of goods caused by defence formation under Ministry of defence as a consignor or consignee
7. Empty Cargo containers are being transported
8. Consignor transporting goods to or from between place of business and a weighbridge for weighment at a distance of 20 kms, accompanied by a Delivery challan.

9. Goods being transported by rail where the Consignor of goods is the Central Government, State Governments or a local authority.
10. Goods specified as exempt from E-Way bill requirements in the respective State/Union territory GST Rules.
11. Transport of certain specified goods- Includes the list of exempt supply of goods, Annexure to Rule 138(14), goods treated as no supply as per Schedule III, Certain schedule to Central tax Rate notifications. (PDF of List of Goods).

Note: Part B of e-Way Bill is not required to be filled where the distance between the consigner or consignee and the transporter is less than 50 Kms and transport is within the same state.

Status of Implementation across India

Inter-State movement of goods has seen rise in numbers of generation of e-way bills ever since its implementation began from 1st April 2018.

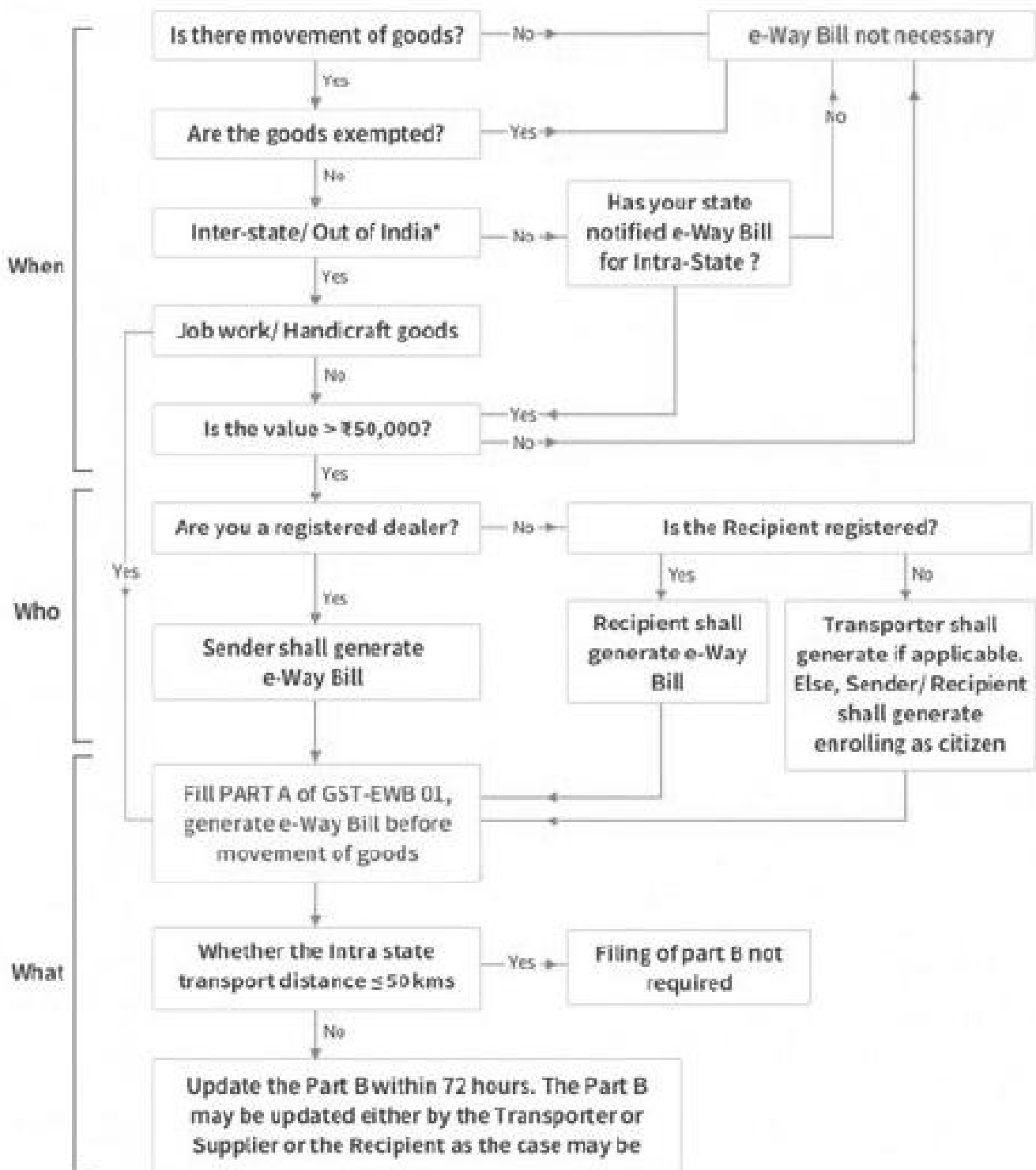
State-wise implementation of e-way bill system has seen a good response with all the States and Union Territories joining the league in the generation of e-way bills for movement of goods within the State/UT.

However, reliefs have been provided to people of few States by way of exempting them from e-way bill generation in case of monetary limits falling below threshold amount or certain specified items. For Instance, Tamil Nadu has exempted people of its State from generation of e-way bill if the monetary limit of the items falls below Rs. One Lakh. To know more of such reliefs for other States/UTs, visit commercial tax websites for each of such States/UTs

From 3rd June 2018, e-way bills shall be compulsory for all the States and UTs to use e-way bills within the State or UTs.

e-Way Bill

When, What, Who...



Validity of eWay Bill

An e-way bill is valid for periods as listed below, which is based on the distance travelled by the goods. Validity is calculated from the date and time of generation of e-way bill-

Type of conveyance	Distance	Validity of EWB
Other than Over dimensional cargo	Less Than 100 Kms	1 Day
	For every additional 100 Kms or part thereof	additional 1 Day
For Over dimensional cargo	Less Than 20 Kms	1 Day
	For every additional 20 Kms or part thereof	additional 1 Day

Validity of Eway bill can be extended also. The generator of such Eway bill has to either four hours before expiry or within four hours after its expiry can extend Eway bill validity.

Documents or Details required to generate eWay Bill

1. Invoice/ Bill of Supply/ Challan related to the consignment of goods
2. Transport by road – Transporter ID or Vehicle number
3. Transport by rail, air, or ship – Transporter ID, Transport document number, and date on the document

Frequently Asked Questions regarding eWay Bill

1. What is the responsibility and liability for the transporter in E-Way bill system?

Transporters carrying goods by road, air, rail, etc. also need to generate e-Way Bill if the supplier has not generated an e-Way Bill due to any reason.

Generate e-way bill on basis of information shared by the suppliers/ consignors regarding the Invoice/challan.

To know more refer to our article on 'Compliance on e-Way Bills by Transporter'

If the transporter does not generate in the above circumstances when he is required to, he may face penalty of Rs 10,000 or tax sought to be evaded (wherever applicable) whichever is greater, further liable for confiscation of goods and seizure of vehicle.

2. How many e-way bills are required to be generated to ship a consignment to a customer involving multiple transporters (having different Transporter IDs) in between? How will the one invoice-one e-way bill validation be complied here since end customer is only one?

One e-Way bill needs to be generated against the Invoice.

Above situation is known as “Transshipment”.

Transporter can also re-assign another transporter by updating transporter ID on the e-way bill portal.

Once transporter re-assigns another transporter, seller cannot make any changes to assigned transporter.

So, the user has to generate different delivery challans against the invoice based on the different Transporter ID, because different e-way bills against a single invoice is not possible and will also cause the problem in populating the data in the GSTR-1.

3. How is the criteria of “Value of Consignment of Goods” applied?

“Value of consignment of Goods” is interpreted as follows:

1. Invoice Value* exceeds Rs. 50,000 **OR**
2. If a vehicle carries goods against multiple Invoices, then where the aggregate Invoice value* exceed Rs. 50,000

So, if either of above points is satisfied, the user should generate e-Way Bill.

*Invoice Value means transaction value as per Invoice inclusive of all the taxes excluding the Value of exempt goods that are being carried along the taxable goods and billed together.

4. Is e-Way bill required, if the value of shipment per customer per day exceeds Rs 50,000? How will we take multiple invoices under single e-way bill?

Here, it depends whether the supplier himself is the transporter or not. If he is the transporter, then he is required to generate the e-way bill for all the invoices but if not, then the transporter will be required to generate the e-way bill against all the invoices in the Vehicle.

5. For Selection of Sub Type in case of Outward Supply, What do terms “CKD/SKD” & “Line sales” mean?

“CKD/SKD” means the movement of the goods in Completely knocked down condition or Semi Knocked Down condition. For eg: Movement of Fan in different parts, which will be assembled later.

“Line Sales” Vertical sales made from one unit / department/division of an organisation to another unit/department/division next in production line within that Organisation.

Compiled by Sakthi Services – A unit of SDK group



PWD Schedule of Rates 2018-2019



GOVERNMENT OF TAMIL NADU PUBLIC WORKS DEPARTMENT

OFFICE OF THE ENGINEER-IN-CHIEF, WRD &
CHIEF ENGINEER (GENERAL), PWD, CHEPAUK, CHENNAI-5.

Present: Er. M. Bakthavathsalam, M.Tech., MIE.,
Engineer-in-Chief, WRD &
Chief Engineer (General), PWD.

Proceedings No. HDO (A) / 22368 / 2018-1, dated 22.05.2018

Sub: Public Works Department – **Standard Schedule of Rates with Basic Rates for the year 2018-2019** for adoption in preparation of estimates with effect from **01.06.2018** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No.HDO (A) / 10348 / 2017-1, dated 20.10.17.



The Standard Schedule of Rates with Basic Rates, Basic Cost of Cement and Basic Cost of Steel (excluding all taxes and GST) approved for the year **2018-2019** by the Schedule of Rates Committee for adoption in the preparation of estimates **with effect from 01.06.2018** are herewith enclosed for taking necessary action.

2.0. The receipt of Standard Schedule of Rates with Basic Rates for the year 2018-2019 along with its enclosures may be acknowledged.

PWD Schedule of Rates 2018-2019



GOVERNMENT OF TAMIL NADU PUBLIC WORKS DEPARTMENT

OFFICE OF THE ENGINEER-IN-CHIEF, WRD &
CHIEF ENGINEER (GENERAL), PWD, CHEPAUK, CHENNAI-5.

Present: Er. M. Bakthavathsalam, M.Tech., MIE.,
Engineer-in-Chief, WRD &
Chief Engineer (General), PWD.

Proceedings No. HDO / 22368 / 2018-3, dated 22.05.2018

Sub: Cement – Basic Cost for **CEMENT** for adoption in the preparation of estimates during the year **2018-2019** with effect from **01.06.2018** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No.HDO (A) / 10348 / 2017-3, dated 20.10.17.



The **Basic Cost of Cement (excluding all taxes and GST)** for the year 2018-2019 approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2018-2019 **with effect from 01.06.2018** is given below:

Cement : Rs.5,530/- per MT

(Rupees Five Thousand, Five Hundred and Thirty only)

2.0. The above rate is excluding all taxes & GST, freight charges, etc., at Stockyard / Dealer's Godown. Necessary lead charges (i.e. excluding loading and unloading charges), as applicable as per conveyance table, may be allowed from the Stockyard / Dealer's Godown to the site of work, if duly certified by an officer not below the rank of Assistant Executive Engineer.

3.0. However, in the case, if the source is specified as "Stockyard", the same shall be decided and approved by the Superintending Engineers concerned.



வெப்பத்தை குறை சொல்லாதீர்கள் !
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68TH ANNUAL GENERAL BODY MEETING

The 68th Annual General Body Meeting was held on the 30th May 2018 at Hotel Ashoka, Egmore, Chennai - 600 008.

The meeting was called to order by our Centre Chairman Mr. L. Venkatesan, at sharp 4 pm. The Chairman welcomed the General Body and appreciated the good work done by the Immediate past Chairman Mr. K. Venkatesan. The Chairman remarked that reforms in administration is the motto of this year and asked the Secretary Mr. L. Shanthakumar to conduct the proceedings.

The Annual report for the year 2017-18 was presented to all the members present in the AGM. Our Auditor Mr. V. R. Chandran thanked the Centre Chairman for giving him this opportunity to Audit and he openly praised that the accounts were maintained perfectly and transparently.

Our Centre Chairman handed over the cheque for Rs.15,000/- and sought the permission of the house for appointing Mr. V.R. Chandran & Co as our Auditors for the financial year 2018-19.

Mr. K. Venkatesan, Immediate Past Chairman addressed the gathering and said that our Southern Centre is one of the best centre in all India level and Nine times we have been adjudged as the Best Centre Award. I am sure with the guidance of the senior members we may get the Best Centre Award for the 10th time also. Further our Centre have played a vital role in bringing down the GST from 18% to 12%. With the partnership and co-operation of our trust we have conducted medical camp and workers training. Seminars on GST, RERA and EPF have been conducted. Finally GST commissioner have participated and given his expertise in the meetings. I am also confident in the coming years our Centre is set to achieve many more such levels.

The next speaker Bhishma. R. Radhakrishnan, Past National President said that L. Venkatesan is our 50th Golden Chairman. He also praised the compilation and presentation of the activities and Audited Accounts in the 68th Annual General Body Report. He also said that every information printed in the book is so transparent with complete details. He also said that he is confident that the 69th AGM would be held in our own trust building nearing completion in Ambattur. The efforts taken by our centre to bring down the GST tariff from 18% to 12% is highly remarkable. The GST conclave in the presence of our Central Finance Minister is great milestone in the history of BAI.

Mr. J. R. Sethuramalingam, our Past Trustee and past Vice President commenced about the excellent work done by the previous team. He also appreciated that the AGM report book is printed in the corporate style and detailed information about the activities and Audited Accounts have been published in a fantastic manner.

Mr. D. Thukkaram, Past Vice President said that some of the outstanding which is been pending for a long time may be written off.

The Secretary who was a treasurer last year mentioned that the same has been already suggested to our Auditor and he has accepted to write off in the current year.

Mr. Mu. Moahan, Our past Vice President appreciated the good work done by past Chairman Mr. K. Venkatesan and his team. He said that the present Chairman Mr. L. Venkatesan is a man of action and all of us expect a lot from our Centre Chairman.

Our State Chairman Mr. S. Ayyanathan said the AGM is being conducted very professionally and Southern Centre is always a pioneer in meeting the demands of the Construction fraternity. Mr. S. Ganapathy, Senior most member appreciated the good work done by our immediate Chairman Mr. K. Venkatesan and his team and also praised the presentation of Audited Accounts for the year 2017-18.

Finally Mr. O.K. Selvaraj, Past Chairman and present Zonal Secretary appreciated the entire team and appreciated the AGM reports for its transparency and presentation.

The Annual General Body meeting concluded by vote of thanks by the Centre Secretary Mr. L. Shanthakumar.



68TH ANNUAL GENERAL BODY MEETING



68TH ANNUAL GENERAL BODY MEETING





PWD Schedule of Rates 2018-2019

ANNEXURE-I

RATES OF LABOUR

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
1	2	Axe Mazdoor	Day	332.00
2	4	Blacksmith-I Class	Day	437.00
3	4A	Blacksmith-II Class	Day	403.00
4	5	Boat Mazdoor	Day	367.00
5	8	Bullocks Pair with Driver (with Bandy)	Day	656.00
6	8A	Bullocks Single with Driver (with Bandy)	Day	472.00
7	11	Carpenter-I Class	Day	555.00
8	12	Carpenter-II Class	Day	508.00
9	13	Caulker	Day	367.00
10	15	Cleaner-First Grade	Day	295.00
11	15A	Cleaner-Second Grade	Day	280.00
12	18	Ferry Mazdoor	Day	367.00
13	19	Fitter-I Class	Day	501.00
14	19A	Fitter-II Class	Day	467.00
15	20	Fitter (Pipe Laying / Bar Bending)-I Class	Day	493.00
16	20A	Fitter (Pipe Laying / Bar Bending)-II Class	Day	458.00
17	21	Floor Polisher	Day	437.00
18	22	Gardener	Day	332.00
19	25	Hammer Mazdoor	Day	352.00
20	26	Head Mazdoor for Well Sinking	Day	367.00
21	27	Driver (Light Duty)	Day	437.00
22	27A	Driver (Heavy Duty)	Day	467.00
23	28	Jumper Mazdoor	Day	332.00
24	36	Maistry, Road Inspector & Work Inspector	Day	421.00
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	467.00
		New Labourers for Heritage Works		
26		Skilled Mason Class-I for Heritage Work	Day	800.00
27		Skilled Mason Class-II for Heritage Work	Day	700.00



PWD Schedule of Rates 2018-2019

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
28	37	Mason for Brick Work-I Class	Day	567.00
29	37A	Mason for Brick Work-II Class	Day	508.00
		New Labour for Heritage Works		
30		Skilled Sthapati Brick Mason for Heritage Work	Day	1000.00
31	38	Mason for Stone Work-I Class	Day	567.00
32	38A	Mason for Stone Work-II Class	Day	508.00
		New Labour for Heritage Works		
33		Skilled Sthapati Stone Mason for Heritage Work	Day	1000.00
34	39A	Mazdoor Category-I	Day	355.00
35	39B	Mazdoor Category-II	Day	320.00
36	39C	Head Mazdoor	Day	367.00
37	40	Mechanic-I Class	Day	437.00
38	40A	Mechanic-II Class	Day	403.00
39	42	Mopla-I Class	Day	436.00
40	42A	Mopla-II Class	Day	403.00
41	43	Navagonies or Javali Man-I Class	Day	367.00
42	44	Painter / Varnisher-I Class	Day	454.00
43	44A	Painter / Varnisher-II Class	Day	421.00
44	46	Pile Driver	Day	403.00
45	47	Plumber-I Class	Day	493.00
46	47A	Plumber-II Class	Day	458.00
47	48	Pump Driver	Day	367.00
48	52	Sawyer	Day	403.00
49	54	Smith-I Class	Day	436.00
50	54A	Smith-II Class	Day	403.00
51	55	Sprayer Mazdoor (for Bitumen, Tar etc.)	Day	332.00
52	56	Stone Cutter-I Class	Day	436.00
53	56A	Stone Cutter-II Class	Day	403.00
54	58	Syrang-I Class	Day	436.00
55	58A	Syrang-II Class	Day	403.00

PWD Schedule of Rates 2018-2019

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
56	60	Thatcher	Day	352.00
57	62	Tinker-I Class	Day	352.00
58	62A	Tinker-II Class	Day	332.00
59	63	Turner-I Class	Day	403.00
60	63A	Turner-II Class	Day	367.00
61	64	Time Keeper-I Class	Day	436.00
62	64A	Time Keeper-II Class	Day	403.00
63	67	Welder / Bracer-I Class	Day	436.00
64	67A	Welder / Bracer-II Class	Day	403.00
65	68	Well Diver for removing silt-I Class	Day	436.00
66	68A	Well Diver for removing silt-II Class	Day	403.00
67	69	Well Sinker-I Class	Day	493.00
68	69A	Well Sinker-II Class	Day	458.00
69	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	508.00
70	72	Wodder	Day	367.00
		Technical Assistant		
71	76A	Technical Assistant Grade-I (B.E.Passed)	Day	728.00
72	76B	Technical Assistant Grade-II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	656.00
73	76C	Technical Assistant Grade-III (Diploma in Engg. Failed / ITI (Civil) Passed)	Day	555.00
74	76D	Cinema Operator (ITI Passed)	Day	458.00
75	76E	B.Sc., (Agriculture) Passed	Day	656.00
76	77A	Laboratory Assistant Grade-I (Post Graduate in Science)	Day	555.00
77	77B	Laboratory Assistant Grade-II (Degree in Science / Degree in Geology for Ground water)	Day	508.00
78	77C	Laboratory Assistant Grade-III (With Degree Qualification to work as works clerk)	Day	458.00
79	78A	Mazdoor employed for Geological mapping	Day	355.00
80	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	355.00



PWD Schedule of Rates 2018-2019

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
81	78C	Mazdoor employed for Geophysical investigation works	Day	355.00
82	78D	Head Mazdoor to Supervise exploratory works	Day	375.00
83	79	Mixer Operator (including concrete mixer)	Day	386.00
84	80	Mixer Driver	Day	367.00
85	81	Compressor Operator	Day	386.00
86	89A	Computer Operator Grade-I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	728.00
87	89B	Computer Operator Grade-II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	656.00
88	90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	702.00
89	90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	585.00
90	95	Heatmaster Operator	Day	367.00
91	96	Raker	Day	367.00
92	97	Geological Assistant	Day	539.00
93	98	Stone & Crusher Operator	Day	386.00
94	99	Heavy Mazdoor	Day	386.00
		Electrical Workers		
95	100	Wireman Grade-I / Electrician Grade-I	Day	494.00
96	101	Wireman Grade-II / Electrician Grade-II	Day	467.00
97	102	Electrical Helper	Day	352.00
98	103	Lift Operator	Day	421.00
99	104	Laboratory Attendant	Day	314.00
100	105	Sound Service Operator	Day	352.00
101	106	Electrical Maistry	Day	539.00
Note:		The Basic Rate adopted under this Head, "Annexure-I – Rates of Labour" is exclusive of all taxes and GST.		

PWD Schedule of Rates 2018-2019

ANNEXURE-II RATES OF MATERIALS

Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		A. BRICKS AND TILE PRODUCTS		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	7085.00
2	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	6810.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	6100.00
4	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	5925.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ³ / ₄ "	1000 Nos.	5130.00
6	b	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ¹ / ₄ "	1000 Nos.	4035.00
7	c	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	3865.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	5925.00
	b	230 x 110 x 75mm	1000 Nos.	6100.00
	4	Specially Moulded Country Brick for well steining		
9	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	2275.00
10	b	Perforated Bricks 19 x 9 x 9cm	1000 Nos.	3465.00
11	c	Terrace Bricks 15 x 7.5 x 2.5cm	1000 Nos.	890.00
		New Items for Heritage Works		
12		Special Bricks 8" x 4" x 2" for Heritage Works	1000 Nos.	12000.00
13		Terrace Bricks 6" x 3" x 1" for Heritage Works	1000 Nos.	9000.00
14		Wire Cut Bricks for Heritage Works		
	a	Size 9" x 4" x 3"	1000 Nos.	12000.00
	b	Size 9" x 4" x 2"	1000 Nos.	10000.00
	c	Size 9" x 6.5" x 2"	1000 Nos.	15000.00
	8	Flat Tiles		
15	a	15cm x 15cm x 12mm	1000 Nos.	745.00
16	b	15cm x 15cm x 20mm	1000 Nos.	884.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
	10	Brick Jelly		
17	a	40mm size	cum.	635.00
18	b	20mm size	cum.	707.00
	11	Pressed Tiles		
19	a	20 x 20 x 2cm	1000 Nos.	10400.00
20	b	23 x 23 x 2cm	1000 Nos.	14750.00
	12	Pan Tiles		
21	a	23cm x 8cm x 1.7cm	1000 Nos.	405.00
22	b	16.5cm x 8cm x 1.7cm	1000 Nos.	334.00
	13	Best Mangalore Tiles		
23	a	I Class 'A'	1000 Nos.	9700.00
24	b	Class 'AA'	1000 Nos.	9900.00
25	c	Best Mangalore Ridge Tiles	1000 Nos.	28400.00
26	d	Best Mangalore Ceiling Tiles	1000 Nos.	5970.00
27	e	Best Mangalore Glass Roofing Tiles	Each	280.00
28	f	Best Mangalore Ventilating Tiles (Single)	Each	42.60
29	g	Best Mangalore Ventilating Tiles (Double)	Each	53.40
	23A	Mosaic Flooring Tiles (Grey)		
30	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	10900.00
31	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	6970.00
	23C	Mosaic (other Colour)		
32	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	15050.00
33	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	8880.00
34	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	10900.00
35	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	17100.00
36	24	Mosaic Chequered Tile Grey Colour Size 25 x 25 x 2 cm	1000 Nos.	13700.00
		New Items for Heritage Works		
37		Attangudi Tiles for Heritage Works		
a		Size 8" x 8" x 3/4"	Each	25.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
b		Size 10" x 10" x 3/4"	Each	30.00
		B. STONE AND ROAD MATERIALS		
38	27	Rough Stone for masonry works (Hard Granite)	cum.	413.00
39	28	Rough Stone for revetment works	cum.	358.00
40	29	Jeddy size for revetment (Hard Granite)	cum.	393.00
41	29a	Cut Stone Pillar of size 0.15 x 0.15 x 2.1m	Each	153.00
42	30	From boulders without blasting for revetment	cum.	105.00
43	30a	From boulders without blasting for masonry	cum.	137.00
44	32	Course Rubble Stone for masonry works	cum.	330.00
45	33	Course Rubble Stone for Arch works	cum.	358.00
46	33 (A) I	Chisel Dressed Stone 70cm x 30cm x 29cm	Each	163.00
47	II	Chisel Dressed Stone 37cm x 30cm x 29cm	Each	147.00
48	(B)	Hammer Dressed Stone 37cm x 30cm x 29cm	Each	114.00
49	34	Cut Stone Fully Dressed to size on all faces	cum.	5900.00
50	35	Cut Stone Roughly Dressed	cum.	4060.00
51	36	Ashlar Arch Stone Fully Dressed to size all faces	cum.	4480.00
52	38	Flooring Stone SS Size (Not less than 10cm thick)	sqm.	328.00
53	39 a	Stone Slab for Culvert (3 faces one line dressed) Above 1.2m	cum.	4275.00
54	b	Stone Slab for Culvert (3 faces one line dressed) Upto 1.2m	cum.	3885.00
55	40	Stone Slab for Culvert (3 faces two line dressed)	cum.	4760.00
56	41	For Lintel Coping (3 faces two line dressed)	cum.	4760.00
57	42	Bond Stones	cum.	595.00
58	43 a	Kilometre Stone 1.65 x 0.45 x 0.15m	Each	407.00
59	44 a	Hectametre Stone 0.9x0.1x0.1m	Each	114.00
60	b	Hectametre Stone 0.75x0.23x0.1m	Each	208.00
61	c	Hectametre Stone 0.9x0.15x0.15m	Each	204.00
62	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	85.00
63	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	109.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
64	c	Demarcation Stone (two line dressed for top 30 cm) 75 x 23 x 23 cm	Each	101.00
65	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	93.00
66	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	114.00
67	f	Edge Stone 45 x 15 x 15 cm	Each	52.00
68	g(i)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 15 x 15 x 60cm	Each	131.00
69	g(ii)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 10 x 10 x 25cm	Each	95.00
70	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	151.00
71	b	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 1.20m long. Two line dressed top 45cm) 23cm dia 1.0m long	Each	161.00
72	c	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	151.00
73	d	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.15 x 0.15 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	105.00
74	e	Guard Stone 23cm dia 0.90m long	Each	78.00
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
75	i	HBGS Jelly 90mm size	cum.	399.00
76	ii	HBGS Jelly 80mm size	cum.	446.00
77	iii	HBGS Jelly 63mm size	cum.	515.00
78	iv	HBGS Jelly 50mm size	cum.	598.00
79	v	HBGS Jelly 40mm size	cum.	929.00
80	vi	HBGS Jelly 25mm size	cum.	799.00
81	vii	HBGS Jelly 20mm size	cum.	1293.00
82	viii	HBGS Jelly 12mm size	cum.	1200.00
83	ix	HBGS Jelly 10mm size	cum.	883.00
84	x	HBGS Jelly 6mm size	cum.	598.00
85	xi	HBGS Jelly 3mm size	cum.	538.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
86	49 b	Quartz metal		
a	i	Quartz Metal 50mm	cum.	90.00
b	ii	Quartz Metal 40mm	cum.	91.00
87	51	Soft Broken Stone		
a	i	Soft Broken Stone 63mm size	cum.	69.00
b	ii	Soft Broken Stone 40mm size	cum.	78.00
88	52	Laterite 40 to 75mm size	cum.	90.00
89	53	Kankar 40 to 75mm size	cum.	90.00
90	54	Soling Stones unblasted 15cm cube	cum.	105.00
91	54a	Soling Stones blasted 15cm cube	cum.	172.00
92	57	Gravel	cum.	188.00
93	57A	Well Gravel	cum.	154.00
94	57B	Screened Kankar Gravel	cum.	113.00
95	58	Quarry Rubbish	cum.	89.00
96	58A	Stone Dust	cum.	114.00
97	58B	Pond Ash (wet / dry)	cum.	88.00
98	58C	Crushed Stone Sand (Commercially called M-Sand)	cum.	777.00
		New Item		
99	58D	Plastering Sand (P-Sand)	cum.	883.00
100	59	Sand for Mortar	cum.	168.00
101	60	Sand for Filling	cum.	168.00
102	62	Clay for Puddle & Masonry	cum.	35.00
103	63 (i)	Cuddapah Slab 50mm Thick	sqm.	390.00
104	ii	Cuddapah Slab 38 / 40mm Thick	sqm.	376.00
105	iii	Cuddapah Slab 20 / 30mm Thick	sqm.	346.00
		C. Lime		
106	66	Shell Lime (Slaked & Screened)	cum.	1248.00
107	67	Freshly Slaked & Screened Burnt Lime Stone	cum.	919.00
108	68	Stone Lime or Lime Metal	cum.	80.00
		New Items for Heritage Works		
109		Unslaked Pollachi Lime for Heritage Works	cum.	9750.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
		D. Timber and Roofing Materials		
110	71	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	111092.00
111	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	cum.	109258.00
112	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	106376.00
113	74	TW Scantling (below 2m in length) - Malabar	cum.	94672.00
114	75 (i)	TW Planks (over 45cm wide & 12mm thick)	cum.	117293.00
115	ii	TW Planks (30-45cm wide & 12mm thick)	cum.	108908.00
116	iii	TW Planks (30-45cm wide & 12-25mm thick)	cum.	101921.00
117	iv	TW Planks (30-45cm wide & 25-40mm thick)	cum.	97729.00
118	v	TW Planks (15-30cm wide & 12mm thick)	cum.	95197.00
119	vi	TW Planks (15-30cm wide & 12-25mm thick)	cum.	90480.00
120	vii	TW Planks (15-30cm wide & 25-40mm thick)	cum.	88734.00
121	viii	TW Planks (upto 15cm wide & 12mm thick)	cum.	86987.00
122	ix	TW Planks (upto 15cm wide & 12-25mm thick)	cum.	86987.00
123	x	TW Planks (upto 15cm wide & 25-40mm thick)	cum.	82183.00
		New Items for Heritage Works		
124		Seasoned Teakwood for Scantling and Planks for Heritage Works	cum.	176415.00
	76	Teak Wood Reepers		
125	i	TW Reepers 50 x 25mm	RM	72.60
126	ii	TW Reepers 50 x 12mm	RM	59.00
	77	Country Wood Scantling		
127	i	CW Scantling (upto 4m in length)	cum.	32751.00
128	ii	CW Scantling (over 4m in length)	cum.	34498.00
129	77A	CW Scantling for tie beams & principal rafters for trusses	cum.	34498.00
130	77B	Jack Wood Scantlings (upto 4m)	cum.	36157.00
131	77D	Silver Oak Scantlings	cum.	14847.00
	78	Country Wood Planks		
132	i	CW Planks (upto 30cm wide-40mm thick)	cum.	37555.00

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
133	ii	CW Planks (upto 30cm wide-25mm thick)	cum.	37555.00
134	iii	CW Planks (over 30cm wide-40mm thick)	cum.	37555.00
135	iv	CW Planks (over 30cm wide-25mm thick)	cum.	37555.00
136	78A	JW Planks (25-40mm thick)	cum.	39389.00
137	78B	Silver Oak Plank (40mm thick)	cum.	16856.00
138	78C	Bluegum Plank	cum.	17293.00
	79	Country Wood Reepers		
139	i	CW Reepers (50 x 25mm)	RM	33.00
140	ii	CW Reepers (50 x 12mm)	RM	23.80
141	80	Mango Plank	cum.	15983.00
142	81	Palmyrah Rafter (50-60mm wide & 125mm depth)	RM	47.15
143	a	Palmyrah Leaves	100 Nos.	243.60
144	b	Palmyrah Leaves (labour for cutting)	100 Nos.	38.30
	90	Casurina Poles		
145	a	Casurina Poles 13cm-15cm dia	RM	31.50
146	b	Casurina Poles 10cm-13cm dia	RM	24.00
147	c	Casurina Poles 8cm-10cm dia	RM	18.30
148	d	Casurina Poles 5cm-8cm dia	RM	16.70
	90.1	Eucalyptus Poles		
149	a	13cm to 15cm dia	RM	31.50
150	b	10cm to 13cm dia	RM	22.50
151	c	8cm to 10cm dia	RM	18.30
152	d	5cm to 8cm dia	RM	15.70
153	e	Below 5cm	RM	14.30
154	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	11.50
155	91	Casurina Bullies 4cm-5cm dia & cross ties	RM	12.90
156	92	Bamboo Large (10cm dia and above)	RM	11.50
157	93	Bamboo (7.5cm-10cm dia)	RM	10.10
		E. Metal and Iron Items		
158	111	Mild Steel Plates or Sheets BG 10	Kg	40.50

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Sl. No.	Sch. Item No.	Description of Materials	Unit	Basic Rate approved for the year 2018-2019 (w.e.f. 01.06.2018)
159	112	Mild Steel Angles 25 x 25 x 3 mm	Kg	40.50
160	113	Binding Wire (Black 18 G)	Kg	43.00
161	113 b	Binding Wire (Galvanised-18 G)	Kg	43.00
162	114	GI Sheets 30cm wide and 1.6mm thick	sqm.	299.00
163	126 i	Weld Mesh 7.5 x 2.5cm 10 Gauge	sqm.	290.00
164	ii	Weld Mesh 7.5 x 5cm 10 Gauge	sqm.	260.00
165	iii	Weld Mesh 10 x 10cm 10 Gauge	sqm.	141.00
166	129	Chicken Mesh	sqm.	31.10
167	130	Fly Proof Mesh	sqm.	89.50
168	131	Supplying Mild Steel Grills for windows, ventilators, etc., including priming coat	Kg	53.60
Note:				
1	For road works, the Schedule of Rates of Highways Department may be adopted in respect of materials for which rates are not available in this schedule of Rates.			
2	For all the materials viz. Bricks and Tile Products, Stone Jelly, Gravel, Sand, Lime Stone, etc., necessary incidental charges, loading charges and unloading charges have been included in the basic cost of materials listed above. Hence, no separate incidental charges, loading charges and unloading charges shall be allowed for the above materials.			
3	The Basic Rate adopted under this Head, "Annexure-II - Rates of Materials" is exclusive of all taxes and GST.			

I request you to patronize the issue by providing your advertisement to promote your products on our **Southern Builder** Magazine for the year 2018 - 2019.

TARIFF

Sl. No.	Description	Rate Per Issue	Rate Per Annum
1.	Multi Colour A4 Size Rear Cover Outer	Rs.30,000/-	Rs.3,00,000/-
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5.	Black & White A4 Inner Page	Rs.10,000/-	Rs.1,00,000/-
6.	Black & White A4 Half page Inner Page	Rs. 6,000/-	Rs. 60,000/-

I Welcome articles, for publish and your valuable suggestions to bring out the magazine in a best manner.

L Venkatesan - Chairman

PWD Schedule of Rates 2018-2019

STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2018-2019
(with effect from 01.06.2018)

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
1	For works in (i) Erstwhile Chennai Corporation limits and the belt area of 32 km around erstwhile Chennai Corporation limits (i.e.) prior to formation of Greater Chennai Corporation, (ii) Madurai Corporation limits, (iii) Coimbatore Corporation limits and also for works in Hosur Taluk	10%	-	10%	-	10%
2	For works in Trichy, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporation limits	5%	-	5%	-	5%
3	Restricted Areas					
i	For sewer works under unhygienic condition	10%	-	10%	-	-
ii	For works in Central Jail Campus	10%	-	10%	10%	-
iii	For works in Sub-Jail Campus	5%	-	5%	5%	-
iv	For works in Reserve Forest Areas	20%	20%	20%	20%	20%
4	Hills					
i	For works in Nilgiris District	40%	25%	40%	-	40%
ii	For works at Mudumalai Sanctuary, Shandy Nalla Sheep Form, Dansandle Area	40%	25%	40%	-	40%
iii	For works at Valparai	40%	25%	40%	-	40%
iv	For works at Gudiyalathur, Siruvani, Thavalamalai Hills, Thalavadi Hills, Bargur Hills, Anamalai, Chenni Malai and Sivanmalai Hills	20%	20%	20%	-	20%
v	For works in Western Ghats of Madurai, Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts	20%	20%	20%	-	20%
	In Madurai, Theni and Dindigul Districts					
vi	For works at Thekkady	50%	25%	-	-	-
vii	For works at Periyar Dam Site	-	60%	-	-	-
viii	For works at Periyar Dam Site under normal condition	100%	-	-	-	-
ix	For works at Periyar Dam Site under hanging condition	150%	-	-	-	-



PWD Schedule of Rates 2018-2019

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
x	For works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam Mettu, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Irdumban Hills, Megamalai Panchayat and Thummakundu Panchayat	50%	50%	50%	-	50%
xi	For works at Kodaikanal	40%	25%	40%	-	40%
xii	For works at Yercaud Hills, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Tiruchengodu Hills in Salem and Namakkal Districts	25%	25%	25%	-	25%
xiii	For works at Kalrayan Hills, Pachamalai Hills, Kolli Hills in Salem and Namakkal Districts	40%	25%	40%	-	40%
xiv	For works at Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickenneri Hills in Tiruvannamalai and Vellore Districts	40%	25%	40%	-	40%
xv	For works at Piranmalai covering Oduvarpatti, Kattugudipatti, Pannadaipattu, V.Pudur Villages, Mamalai covering Vannar Iruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatty and Thuthampatti in Sivagangai District	40%	25%	40%	-	40%
xvi	For works at Chitheri Hills, Sittiling in Kalrayan Hills in Dharmapuri District	40%	25%	40%	-	40%
xvii	For works at Kalrayan Hills in Cuddalore and Villupuram Districts	40%	25%	40%	-	40%
xviii	For works at Pachamalai Hills in Trichy, Karur and Perambalur Districts	40%	25%	40%	-	40%
5	Islands					
i	For works at Rameswaram Island in Ramanathapuram District	25%	-	25%	-	25%
ii	For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muyal, Singala, Kuruseedar Islands in Ramanathapuram District	125%	125%	125%	125%	125%

PWD Schedule of Rates 2018-2019

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
iii	For works in Van, Kasuvar, Karaichalli and Vilankurichi Islands in Thoothukudi District	125%	125%	125%	125%	125%
6	Tunnels					
i	Where human labour alone is involved	15%	-	15%	-	-
7	Dam sites under hanging condition					
i	For works at dam sites other than Periyar Dam Site, which may be executed by hanging from top of dam through slings or rope ladders to work in dizzy height	75%	-	-	-	-

NEW PATRON MEMBERS



Mr. Hasmukh Khimj Sangoi
M/s. H.K. Enterprises
 Old No.47, New No.95
 Prakasam Salai 1st Floor,
 Broadway,
 Chennai - 600 108
 9381913871 / 9384659015
 25243013



Mr. Sanjai
M/s.Koner Properties
 B2, Thirumalai Complex
 ICF, Villivakkam
 Chennai - 600 049
 9884054175



Mr. S Reetsun
M/s. Professional Pest Management & Allied
 No.4/153. 1st Floor
 Shop 1, 2 &3,
 ECR, Palavakkam,
 Chennai - 600 041
 9884148723 / 24451990



Mr. V. Rajasekar
M/s. RMR Realities
 Old No.2B, New no.7,
 West Road,
 West CIT Nagar
 Chennai - 600 035
 24335796 / 9884665555



Mr. D. Sathish
M/s. Sathish Planners
 23/3, South Usman Road
 T.Nagar
 Chennai - 600 017
 9381030444



Mr. K. Natarajan
M/s. Vesta Builders & Promoters
 Plot No.9, Sarathy Nagar
 5th Street, Velachery,
 Chennai - 600 042
 42184050 / 9841175672

27.05.2018 அன்று நடைபெற்ற
Chennai Flat Promoter Association
தலைவர் திரு. K.G. ஜானகி ராமன் அவர்கள் இலலத் திருமண விழா





SOUTHERN CENTRE ACTIVITIES

20.05.2018

இரண்டாவது செயற்குழு கூட்டம் 20.05.2018 அன்று காஸ்மோ பாலிடன் கிளப், அண்ணா சாலை, சென்னை 2ல் உயர்திரு M.N. பாலசுந்தரம், உயர்திரு. M.V. ஹரிகுமார், உயர்திரு. M. பசுபதி, உயர்திரு. R.M. மீனாட்சிசுந்தரம், உயர்திரு. S. சத்தியமூர்த்தி ஆகியோரின் உபசரிப்பில் நடைபெற்றது

25.05.2018

அன்று மதுரையில் முதலாவது அகில இந்திய மேலாண்மை மற்றும் பொதுக்குழு கூட்டம் நடைபெற்றது. இக்கூட்டத்தில் தென்னக மய்யத்தின் சார்பாக மூத்த உறுப்பினர்கள் உள்பட 32 பேர் கலந்து கொண்டு சிறப்பித்தனர்.

29.05.2018 AUBAI

AUBAI தலைவர் திரு. K. இராமனுஜம், துணைத்தலைவர் திரு. J.R. சேதுராமலிங்கம், மய்யத்தலைவர் திரு. L. வெங்கடேசன், ஆகியோர் அண்ணா பல்கலைக்கழகத்தின் Vice Chancellor அவர்களை சந்தித்து AUBAI புதுப்பித்தல் பற்றி கலந்தாலோசனை செய்தனர்.

மாலை 4.00 மணி 68வது வருடாந்திர பொதுக்கூட்டம்

தென்னக மய்யத்தின் 68வது வருடாந்திர பொதுக்குழு கூட்டம் ஓட்டல் அசோகா, சென்னை - 600 008 ல் மாலை 4 மணி அளவில் நடைபெற்றது. அதில் செயலாளர் அறிக்கை 2017-18 மற்றும் வரவு செலவு கணக்கு அறிக்கை 2017-18 சமர்ப்பிக்கப்பட்டு ஒப்புதல் பெறப்பட்டது. இக்கூட்டத்தில் அகில இந்திய முன்னாள் தலைவர் திரு. R. இராதாகிருட்டிணன், உடனடி முன்னாள் மய்யத்தலைவர் திரு. K. வெங்கடேசன் மய்யத் தலைவர், முன்னாள் காப்பாளர்கள் திரு. J.R. சேதுராமலிங்கம், டாக்டர் D. துக்காராம், உடனடி அகில இந்திய துணைத்தலைவர் திரு. M.மோகன். மாநிலத்தலைவர் திரு. S. அய்யநாதன், தென் பிராந்திய செயலாளர் திரு. O.K. செல்வராஜ், மேலாண்மைக்குழு உறுப்பினர் திரு. S. கணபதி ஆகியோர் மற்றும் அவரது அலுவலக நிர்வாகிகளின் பணிகளை பாராட்டிப் பேசினர். கூட்டத்தில் 85ற்கும் மேற்பட்ட உறுப்பினர்கள் கலந்து கொண்டு சிறப்பித்தனர்.



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BUILDERS' ASSOCIATION OF INDIA – SOUTHERN CENTRE

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BUILDERS' ASSOCIATION OF INDIA

(All India Association of Engineering Construction Contractors)

Southern Centre Estd : 1950

MEMBERSHIP APPLICATION FORM

To
The Secretary,
BAI - Head Office
G-1/G-20, 7th Floor, Commerce Centre
J. Dadajee Road, Tardeo
MUMBAI – 400 034
Ph : 022-2352 0507 / 2351 4802
Website : www.baionline.in

Through
The Honorary Secretary,
BAI - Southern Centre
"Casa Blanca", 2nd Floor, 11, Casa Major Road,
Egmore, Chennai - 600 008.
Phone : 044-28192006, 28191874
Web : www.baisouthern.com
E-mail : baisouthern1950@gmail.com /
baisouthern@yahoo.com

Dear Sir,

Please enroll my/our name (s) PATRON / RENEWAL Member of Builders' Association of India. I/We am/are connected with the Building Profession / Trade / Construction industry as (please tick relevant box/s)

- | | | |
|---|---|--|
| <input type="checkbox"/> Civil Construction Contractors | <input type="checkbox"/> Real Estate Developer / Promoter | Registered With |
| <input type="checkbox"/> Electrical | <input type="checkbox"/> Architect/Engineer | <input type="checkbox"/> Central PWD |
| <input type="checkbox"/> Plumbing | <input type="checkbox"/> Transporter | <input type="checkbox"/> State PWD |
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| <input type="checkbox"/> Roads | <input type="checkbox"/> Manufacturers /Suppliers | <input type="checkbox"/> Railways |
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| <input type="checkbox"/> Interior decorator | <input type="checkbox"/> Engineering College/Polytechnics | _____ |
| <input type="checkbox"/> Repairs/Maintenance | <input type="checkbox"/> any other (specify) | _____ |
| | | <input type="checkbox"/> any other (specify) |

I /we specialise in _____

I/We have read the Rules and Regulations of your Association and agree to abide by the same. Please find herewith sum of

Rs. _____/- (Rupees _____

_____) by Cash/Cheque/Demand Draft No _____ Dated

_____ drawn on _____ in favour of "BUILDERS ASSOCIATION OF INDIA"

towards the membership subscription.

Yours faithfully,
(For & On Behalf of)

Date :

(To be signed by Proprietor / Partner / Director of Attorney / Authorised Signatory)

Fill below in Block letters:

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.....
.....

Tel : Office : Res Mobile:

GSTNo: E.mai:

2.Give names in case of partnership firm/
Ltd Company /Institution and indicate
against each whether Partner / Director /
Executive attorney

- a) _____
- b) _____
- c) _____
- d) _____

Name of the Person
who will attend and vote at the meeting with residence
address and contact numbers

- a) _____
- b) _____
- c) _____
- d) _____

Res / Address. & Tele. No.

.....
.....

PROPOSED BY

SECONDED BY

APPLICATION IN ORDER : FEES RECEIVED Rs. _____ Receipt No. _____

_____ Date _____ Accepted by the Managing Committee at its meeting held on _____

at _____

SECRETARY'S NOTING

SECRETARY

The Membership fees

The Patron Membership fees Rs.29,700/- (Inclusive of GST @18%)

Renewal Membership fees Rs.3627/- (Inclusive of GST @18%)

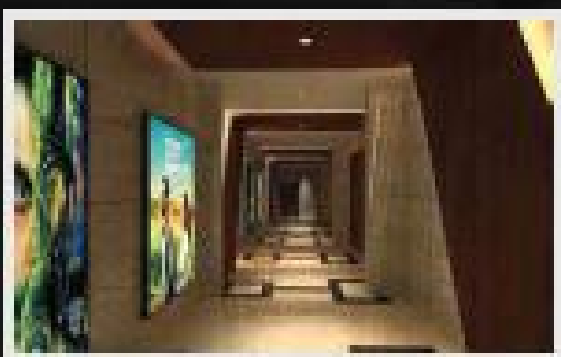
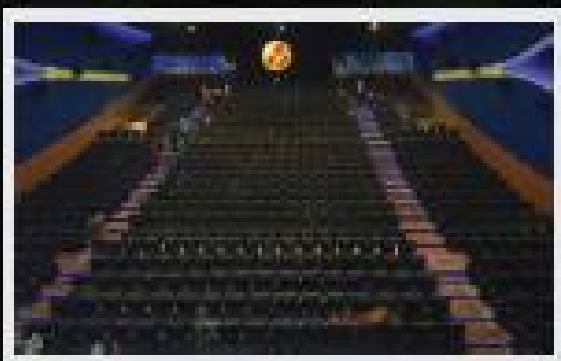
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