



# **ETHEKWINI MUNICIPALITY**

## **ETHEKWINI WATER AND SANITATION PARTICULAR SPECIFICATIONS FOR DAYWORK SCHEDULE**

### **PAA.1 GENERAL**

In cases where the Engineer orders any variation in the form, quality or quantity of the work or any extra work to such an extent that the tendered rates for specific items are no longer applicable, or where a combination of tendered rates cannot be applied to compensate for such work, the Engineer may, in terms of the General Conditions of Contract, order that the amended or extra work be carried out as daywork at the cost of labour, plant and materials. For that purpose provision is made for the Contractor to tender his rates for labour and plant in the Daywork Schedule which forms part of this contract.

No work will be measured as daywork unless:

- (a) the Engineer agrees that the varied work is not in accordance with the specification or scope of a measured item in the contract;
- (b) the Engineer has issued an order in writing for the execution of such varied work; and
- (c) statements of plant and labour are submitted daily to the Engineer for his consideration and approval.

All work valued at the tendered rates in the Daywork Schedule will be subject to contract price adjustment as applicable to the Contract.

### **PAA.2 SALARIES AND WAGES OF WORKMEN**

The amount to be paid for labour will be based on the rates tendered in the Daywork Schedule for the workers executing the work. The tendered rates shall be all-inclusive and shall be held to cover all charges for the Contractor's profits, timekeeping, clerical work, insurance, establishment, superintendence, the use of hand tools, etc, and no additional surcharge over and above the tendered rates will be applicable.

### **PAA.3 CONSTRUCTIONAL PLANT**

The rates for constructional plant as tendered in the Daywork Schedule shall cover all costs, overheads and profit for the contractor and no further surcharge will be payable on the tendered rates. The cost of operators shall be included in the tendered rates except where otherwise specified in Clause PAA-5 (Measurement and Payment) hereafter.

Where plant or equipment for which no rates exist in the Daywork schedule are employed, the cost thereof shall be determined as agreed with the Engineer in terms of the General Conditions of Contract. In such case contract price adjustment will only be applicable if the agreed cost is based on rental rates at the time of the base month before closing of tenders, or if the ruling rates current at the time of the execution of the work are de-escalated to the base month.

The Contractor will be paid for the transport to and from the site of constructional plant not on site and specially ordered by the Engineer to be brought on site. No payment

will be made for transport of equipment listed in the Contractor's Schedule of Constructional Plant in the tender document, or for equipment which has been removed from the site on request of the Contractor, or for equipment already on site, regardless of whether it appears on the Schedule of Constructional plant or not.

#### **PAA.4 MATERIALS**

Materials required for daywork items which cannot be compensated under existing rates and have to be purchased, will be paid for at cost, excluding VAT, plus a surcharge of 15%. The cost of materials provided for daywork at current rates at the time when the work is executed, will not be subject to contract price adjustment unless the prices of the materials are de-escalated to the base month for escalation.

#### **PAA.5 MEASUREMENT AND PAYMENT**

<u>Item</u>	<u>Unit</u>
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##### **PAA.5.1 Labour**

- |     |   |          |
|-----|---|----------|
| (a) | Unskilled workers .....                                 | hour (h) |
| (b) | Skilled workers (Artisans) .....                        | hour (h) |
| (c) | Operators and drivers (where measured separately) ..... | hour (h) |
| (d) | Foremen .....   | hour (h) |
| (e) | Others (specify) .....                                  | hour (h) |

The unit of measurement is the hour or part thereof during which workers were engaged in daywork.

The tendered rate shall include full compensation for all salaries, wages, bonuses, pension, insurance, medical aid and other benefits as well as overheads arising from administrative personnel, site agents, supervisors, tools and profit. No surcharge will be paid on the tendered rates

The cost of operators included in the rates for constructional plant, will not be measured again under Labour.

<u>Item</u>	<u>Unit</u>
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##### **PAA.5.2 Constructional Plant**

- |     |   |                      |
|-----|---|----------------------|
| (a) | Lowbed transport of plant to and from the site..... | ton-kilometre (t.km) |
| (b) | Bulldozer and ripper                                |                      |
|     | (i) ..... (Specify power and mass) .....            | hour (h)             |
|     | (ii) ..... etc (for other bulldozers) .....         | hour (h)             |
| (c) | Grader  |                      |
|     | (i) ..... (Specify power and mass) .....            | hour (h)             |
|     | (ii) ..... etc (for other graders) .....            | hour (h)             |
| (d) | Front-end loaders                                   |                      |
|     | (i) ..... (Specify type, power and mass) .....      | hour (h)             |
|     | (ii) ..... etc (for other front-end loaders) .....  | hour (h)             |
| (e) | Back-acting excavators                              |                      |

- (i) ..... (Specify type, power and mass)..... hour (h)
  - (ii) ..... etc (for other back-acting excavators) ..... hour (h)
- (f) Tractors and drawn rollers and trailers
  - (i) Tractor ..... (Specify type, power and mass)..... hour (h)
  - (ii) Roller ..... (Specify types, masses) ..... hour (h)
  - (iii) Tractor with trailer, complete (Specify tractor, and type and capacity of trailer) ..... hour (h)
- (g) Compactors
  - (i) ..... (Specify type and mass) ..... hour (h)
  - (ii) ..... etc (for other types and masses)..... hour (h)
- (h) Compressors
  - (i) ..... (Specify capacity and number of tools)..... hour (h)
  - (ii) ..... etc (for other compressors and tools)..... hour (h)
- (i) Trucks
  - (i) ..... (Specify type, and capacity) ..... hour (h)
  - (ii) ..... etc (for other trucks)..... hour (h)
- (j) Light delivery vehicles
  - (i) ..... (Specify load capacity)..... kilometre (km)
  - (ii) ..... etc (for other)..... kilometre (km)

Item

Unit

**PAA.5.3** Cost of materials delivered to .....site (specify) P-Sum or as scheduled

The unit of measurement for subitem 5.2(a) is the ton constructional equipment multiplied by the kilometre distance over which the plant has been transported with a lowbed transporter as ordered by the Engineer.

The unit of measurement for subitems 5.2(b) to (i) is the hour or part thereof during which the item of plant had been in active use for the daywork operation, including stopping time of less than five minutes.

Where applicable travel time to and from the normal parking position on site, or the position of the most recent non-daywork activity, as well as stopping time exceeding five minutes shall be multiplied by a factor of 0,6. Time shall be measured by means of a vibrating clock card.

The unit of measurement for subitem 5.2(j) is the kilometre travelled to collect or transport small quantities of materials. Kilometres travelled in light delivery vehicles by supervisors in the execution of normal supervisory duties, shall not be measured for payment.

The tendered rates shall include full compensation for the supply, maintenance, service, repairs, depreciation as well as fuel, lubricants, licensing, insurance, overheads and profit. It shall also include the cost of drivers and operators except in the case of subitem PAA-5.2(h) where the operators of tools are paid for under labour.