

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
Department Examination for Junior Engineer/Section Officer (Hort.)
June' 2024

Time Allowed: 3 Hrs.

Max. Marks: 100

Forms to be supplied: Running Account Bill Form No. CPWA 26 and Secured Advance Form No. CPWA 26A

Attempt all 11 questions. Marks are indicated against each question. Assumption may be made whenever required.

Q1. From the details given below, prepare the **Second Running Account Bill** of Shyam & Co. for constructing a Hospital Building. **[20 Marks]**

Item	Estimated Rate	Quantity
1. Earth Work	Rs 2200 per 1000 cft	45000 cft.
2. Brick Work	Rs 9800 per 100 cft	11000 cft.
3. RCC	Rs550 per cft	1100 cft
4. wood work	Rs800 per cft	550 cft
5. Iron work	Advance payment of Rs10000	

- (1) Material for which secured advance was given in the previous bill were used up as follows: (i) Bricks: 1400 bricks per 100 cft. of brick-work (ii) wood-used to wood work, but there was wastage of 5%
- (2) For other division Rs 1200
- (3) Hire charges of concrete mixers creditable to revenue Rs 1500
- (4) The contractor was paid in 1st running account bill for the following:
- (i) Earth work 20000 cft.
- (ii) Brick work 4000 cft.
- (iii) Reinforced cement concrete 250 cft.

Advance payment on item (iii) above Rs 20000. Maximum secured advance for 200000 bricks for which full-assessed value was Rs 2400 per thousand bricks and for 700 cft. of wood for which full assessed value was Rs 400 per cft. Security deposits 2.5%; Income tax 2%, CGST 1%, SGST@1%

Q2. Secured advance on 3,00,000 bricks was outstanding in the previous bill. 2,50,000 bricks used on the brickwork and on account payment is being made in the present

bill. Contractor bought 1,00,000 bricks, 500 bags of Material X and 200 bags of Material Y at site for use on the work for which secured advance is to be paid to him. The assessed rate of these articles is Rs 6000/- per 1000 bricks, Rs 400 and Rs 500 per bag for item X & Y respectively. In the analysis of rates of the work as per rate tendered by the contractor, the material element of cost was Rs 5000/- per 1000 bricks, Rs450/- and Rs 550/- per bag for material X & Y respectively.

Workout payable secured advance. If material Y is perishable material, then under what conditions the secured advance can be given? **[10 Marks]**

Q3. True/False to be marked against answer to each question **[2 Marks each]**

- i)** Provision of mobilization advance is kept in the tender documents in respect of certain specialized and capital-intensive works with estimate cost put to tender Rs. 100 crores and above or as notified from time to time.
- ii)** An advance for plant and machinery required for the work brought to site by the contractor is given as per conditions of the GCC, if requested by the contractor in writing within two months of bringing them to site.
- iii)** Recoveries of advances are postponed until the whole of the work entrusted to the contractor is completed.
- iv)** Statutory taxes like Income tax etc. are not deducted from the secured advance payment.
- v)** The signature of the contractor or his/her authorized representative is not required for RA bills in the Measurement Book for each set of measurements.
- vi)** In case of works of repetitive type, detailed measurements of 10% of the total number of units, subject to a minimum of 100 units, need only be recorded.
- vii)** In case of theft or loss of a blank Measurement Book, the Chief Engineer is the competent authority to write off the loss.
- viii)** Measurements in the lost Measurement Book is to be re-constructed within one year.
- ix)** Recovery of GST from bill of contractor is done if value of agreement exceeds Rs 2,50,000/-.
- x)** Fine for delay in completion of work is credited to revenue receipts of major head to which work belongs.
- xi)** Fine for bad work is creditable to work itself in contractor's bill.

- Q4.** What are the various modules of ERP used by field units and their brief functionalities? **[10 Marks]**
- Q5.** What are differences in execution of Urgent and Emergent Works? **[5 Marks]**
- Q6.** What are mandatory documents for proper accounting for the works as prescribed in CPWD Accounts Code? **[5 Marks]**
- Q7.** Comments on the provision of contingencies in the work and its utilization? **[5 Marks]**
- Q8.** What is PFMS? What are enhanced security layers in online payment process in PFMS? **[5 Marks]**
- Q9.** Fill in the blank **[2 Marks each]**

The GeM portal is utilized by the Government buyers for direct on-line Purchases. Fill in the blank monetary ceiling and other information/ guidelines related to GeM portal.

- (i) Purchase up to Rs..... can be made from any of the available suppliers on the GeM, meeting the requisite quality, specification and delivery period.
- (ii) Purchase above Rs...../- and up to Rs...../- can be made from the GeM Seller having lowest price amongst the available sellers of at least three different manufacturers, on GeM, meeting the requisite quality, specification and delivery period. The tools for online bidding and online reverse auction available on GeM can be used by the Buyer if decided by the competent authority.
- (iii) Purchase above Rs...../- can be made from the supplier having lowest price meeting the requisite quality, specification and delivery period after mandatorily obtaining bids, using online bidding or reverse auction tool provided on GeM.
- (iv) Payment to be made to the supplier, not exceedingdays, after supply of material.
- Q10.** What is Secured Advance? When is it payable to contractor? When and How Secured Advance is recovered from a contractor **[5 Marks]**
- Q11.** Comment on the intent of keeping EMD in the NIT, Value of EMD in percentage terms and refund and forfeiture of EMD. **[5 Marks]**