

Reg. No.



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

VI SEMESTER B.TECH. (CIVIL ENGINEERING)
END SEMESTER EXAMINATIONS, APRIL/MAY 2019
SUBJECT: CONTRACT MANAGEMENT [CIE 3285]
REVISED CREDIT SYSTEM
(06/ 05 / 2019)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitably assumed.

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1A.	Discuss the features of Lump sum contract considering the nature, scope, quantity, application of work, advantages and disadvantages.								4	1
1B.	Write a note on Cartel in tendering process considering the reasons, ways to identify and possible solution to prevent such issues.								3	2
1C.	Item	Quantity	SOR Rate	Estimated cost (INR)	Contractor 1	Cost (INR)	Contractor 2	Cost (INR)	3	2
	Brick work	10 No.	3000	30,000	3500	35,000	2800	28,000		
	plastering	100 sq. m	250	25,000	55	5,500	230	23,000		
	Total			55,000		40,500		51,100		
	The estimated cost of brick work and plastering is presented in the table above. The percentage variation in cost of individual item of work should not be less or more than 10%. Based on the data given, calculate the percentage variation of cost in each item for the bid submitted by the contractor 1 and contractor 2. Justify the basis for choosing the best Contractor.									
2A.	Discuss the applicability of Section 74 and Quantum Meruit as the ways to claim for losses incurred by the Contractor.								4	3
2B.	Write a note on advances against machinery and equipment considering the purpose, condition and guarantee.								3	3
2C.	Write a note on the delays attributable the Principal considering the circumstances and remedies if the delays are within acceptable limits / delays are beyond acceptable limits.								3	3

3A.	Discuss the role of Principal and Contractor in providing the following facilities as a part of statutory requirement: i) Approach Roads ii) Power and water supply iii) Housing and sanitation.	4	3
3B.	What is Force Majeure? List the requirements for the applicability of Force Majeure.	3	3
3C.	Write a note on conciliation considering its special features.	3	4
4A.	Write a note on procedure for hearing under DRB. Discuss the status of award.	5	4
4B.	Discuss the advantages of Arbitration over Litigation.	5	4
5A.	Write a note on Mediation. List the factors to be considered while framing the terms and conditions of an Engineering contract.	3+1	4,2
5B.	Discuss the following aspects in International Contracts: i) Price preference for domestic bidders ii) Enforcement of Arbitration awards in foreign countries.	6	5