



Ministry of Housing and Infrastructure
Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
މާލެ، ދިވެހިރާއްޖެ.

ސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

Reference No.- (IUL)138-CS1/138/2017/40
Date:13th June 2017

Structural Checker for Approval of Building Drawings Terms of Reference

PURPOSE

- To identify flaws or mistakes in the design of the structure.
- To identify drafting mistakes in the structural design.
- To ascertain the structural adequacy and integrity of the building.

SCOPE

- Only concerned with the structural aspects of the design.
- Random checking of drawings with Accredited Structural Checker stamp, assigned by the ministry.
- Re-checking structural drawings checked by ministry staff.
- Check structures of buildings as well as other infrastructure assigned by the ministry.
- Check to ensure that design loads conform to BS standards or equivalent to establish loadings and other parameters governing structural design.
- Ensure that the structural design conforms to the Male' Planning Regulation as well other local codes and regulations with accepted engineering practice.
- Check the constructability of the proposed design & drawings.
- Carry out independent calculations of components of the structural design and give recommendations after review of the working drawings to ensure that they conform to codes and standards and that those follow good engineering practices.

QUALIFICATION

- Must be an Accredited Structural Checker.
- Minimum five years design and site experience.
- Well versed in British or Australian standard.



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OUTPUTS

- Submit a structural approval or reject report for each building or infrastructure project checked within three working days.
- Previously rejected projects shall be checked again when resubmitted with corrections without any additional charges, within three working days.

DOCUMENTS TO SUBMIT

- CV showing site experience and design experience in various types of projects.
- Price proposed as:

➤ A

DEVELOPMENT AREA	RATE MRF /sq ft for fast track projects (3 working days)	RATE MRF /sq ft for normal projects (5 working days)
< = 2000		
>2000 X < 4000		
>4000 X < 8000		
>8000 X < 16000		
>16000 X < 32000		
>32000 X < 64000		
>64000		

- Development Area = Ground floor foot print x No. of habitable floors
- Open terrace is not considered a habitable floor for the purpose of this evaluation.
- For other infrastructure:



➤ B

HEIGHT RANGE(METRES)	RATE MRF/M for fast track projects (3 working days)	RATE MRF/M for normal projects (5 working days)
<= 5		
>5 X ≤ 50		
>50		
VOLUME RANGE (M³)	RATE MRF/M³ for fast track projects (3 working days)	RATE MRF/M³ for normal projects (5 working days)
<= 10		
>10 X ≤ 200		
>200		

EVALUATION

- Bid winners will be selected based on the submissions that give the minimum total cost submitted for buildings (table A) other infrastructure (table B).
- The bidder with the lowest cost submitted for table A would be given the first opportunity to accept the lowest cost submitted for table B, and will be appointed as the first checker.
- If the bidder with the lowest cost submitted for table A rejects the proposed prices, the bidder would be omitted and the bidder with the second lowest cost for table A will be given the second opportunity to accept the prices of the next lowest bidder for table A, and will be selected as the first checker, and so forth.
- As the ministry requires a maximum of three checkers, the next lowest bidders for table A would be given to accept the prices of the appointed first checker and will be appointed as checkers.
- If any of the next lowest bidders rejects the proposed prices, that bidder would be omitted and the opportunity would be given to the next lowest bidders respectively.
- Ministry reserves the right to reject any bid if the submitted documents fail to show 5 continuous years of design and site experience.

Note: For further queries, please email to construction@housing.gov.mv before 4th July 2017.