DDA CABINET WITH AV ALARM

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UPRK1

CKE



DDA CABINET WITH AV ALARMDA CABINET

- Pengenalan
- Skop kerja
- Spesifikasi Teknikal
- T&C



DDA CABINET – Technical Spec

- Constructed cold rolled stell shelf
- Finishing hard epoxy powder coating
- Indicator Light
- Eletrical buzzer



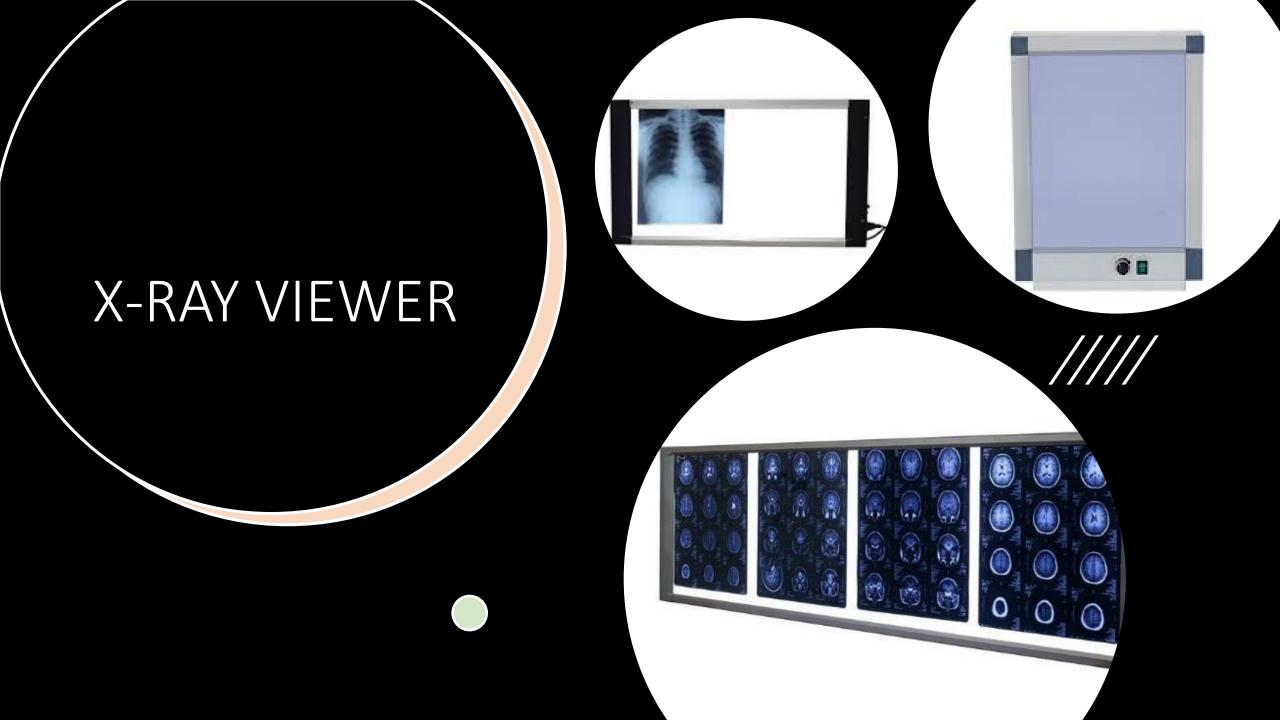
DDA CABINET – Technical Spec

Wall mounted DDA Cabinet

- 715mm (W)
- 200mm(D)
- 760mm(H)

Floor Standing DDA Cabinet

- 1422mm (W)
- 600mm (D)
- 1800 mm(H)



X-RAY VIEWER

- Pengenalan
- Skop kerja
- Spesifikasi Teknikal
- Ujisaksi Kilang dan T&C
- DLP







X-RAY VIEWER – Tech Spec

- Shall be slim and compact
- Automatic on/off with film insertion
- Supply –direct terminated
- Uniform illumination with britghness adjustable
- Minimum luminance >1500 cd/m2
- Minimum colour temperature >5000K

X-RAY VIEWER — Type of X-RAY Viewer

- X-Ray viewer single type
- X-Ray viewer double type
- X-Ray viewer 4 in 1 type







X-RAY VIEWER — Coordination at Site

- Information on installation NSC /Maincon
- 4 Wall drwg
- Direct termination supply
- Mock up





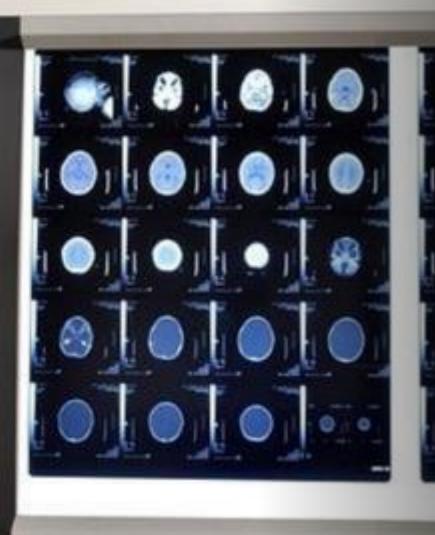
X-RAY VIEWER — Manufacturer Inspection

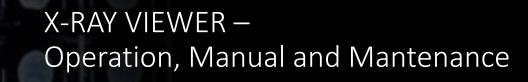
- Before delivery to site
- In house project must include in BQ
- To allow cost for FAT including transport, food,accommodation, testing manual, handbook for 4 person.
- Before FAT method testing
- After FAT record and result certified by manufacturer, SO



X-RAY VIEWER – Testing & Commissioning

- To prepare list of xray viewer installed
- To prepare list of testing method
- No test shall be carried out without SO approval
- All result shall be recorded and submitted to JKR
- Repeat Testing
 - Once failure occured





- As installed drawing
- All Testing Result complete with endorsement
- Warranty Cert from manufacturer
- List of PPM



- Any defect or faulty to be adjust and rectify
- The client should fill up defect form
- Warranty only during DLP

OT Panel



OT PANEL

- Pengenalan
- Skop kerja
- Spesifikasi Teknikal
- T&C
- DLP



OT PANEL – Tech Spec

- Shall be made from stainless stell grade 316
- 2mm thickness with hairline finish
- Tiled plate shall be engrave lettering to identify component
- Dimension shall be accommodate to all services required
- All wiring and design shall comply with HTM 2007, HTM 2020 and HTM 2021
- OT panel can be front or rear accessed type
 - 1st fix wall box (back box) shall be mild steel

- 4 in 1 LED X-Ray Viewer
- Digital Time —elapsed clock
- Digital/Analog time of day clock
- General Lighting switch
- OT Operation and X-Ray Warning light switch if required
- OT Light monitor and control
- IPS Remote Alarm Indicator
- Intercom System
- Hands free type Telephone
- Nurse Call Sys Code Blue
- Tie line or Aux jack for OT camera sys
- SSO 4 ess , 4 ups
- Earth stud
- Data Point

Component of OT Panel

Mechanica services

- Medical Gas Alarm Panel
- AGSS Switch
- Indicator Room Temperature
- Indicator Room Pressure
- Indicator Room Humidity
- Fire Alarm indicator

Technical Spesification Adherence (TSA)

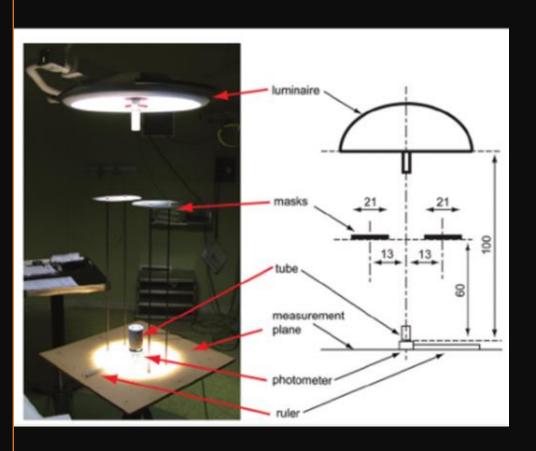
Event for selection of brand that been agreed in the contract. Normally in D&B projects contractor will offer 3 brands.

This pre equipment procurement process before equipment procument.

TSA shall be done before progress up to 60% which to considering planning of procument, purchasing, delivery and installation at the right time on work program. – PD role and responsibilities.

Technical Spesification Adherence

- By working on work program, the contractor shall planning an activities for approval for equipment.
 - Propose the formatting for submission documentation of brand
 - Ready the documentation
 - Setting up committee for that TSA,
 - Event scheduling for committee meeting complete with the demostation or preparing the full presentation to convince the committee.
 - Minute of the decision of meeting
 - Contactor is allowed to make procurement and purchasing the item after complete TSA minute had been made officially.



Testing & Commissioning

TEST INSTRUMENTS

TEST AND TEST CERTIFICATES

USER TRAINING

CHECKING AND COUNTING

TEST INSTRUMENTS

- Shall be regularly tested and calibrated by the manufacturers or accredited calibration laboratories for their functionality and accuracy.
- Test and Calibration Reports or Certificates for the measuring and test instruments issued by the calibration laboratory shall be valid for two (2) years from the date of issuance.

TEST AND TEST CERTIFICATES

- Cables shall be tested for continuity
- Functional test to indicate correct operation and performance of all equipment
- Any other tests which may be needed to demonstrate the satisfactory function of the system.

User Training

- Shall be arranged and conducted for all system and equipment.
- The medical and technical personnel shall be trained on the correct operation of the equipment that include the mechanical and electrical aspects as well as quality assurance of the machine.

CHECKING AND COUNTING

Inventory Checking and Counting

a. Manufacturer's Catalogues And As Built Drawings

- b. Manufacturer's Recommendation PPM
- c. Guarantee & Warranty
- d. Certificate of Testing and Commisioning
- e. Spare Part List of Recommendation
- f. Supplier Contact No.
- g. All Testing Result

OPERATION AND MANUAL DOCUMENTATION

DEFECT LIABILITY PERIOD

- the contractor shall be responsible for the service and maintenance work of the complete installation.
- All labour, material, tools and parts necessary to rectify the defect due to manufacturing/installation faults shall be supplied/executed at the Contractor's cost.
- The service and maintenance to be carried out, defects to be rectified and making good shall include but not limited to the following:
 - *Repairs and replacement of all equipment and accessories that become faulty due to manufacturing and installation defects whether it is under the manufacturer's warranty or not.
 - *Replacement and making good of all wiring and accessories.
 - Making good any damage to roads, buildings, drains, cables, pipes, concrete areas, paved areas etc. which had not been properly made good arising out of his work:
 - All other works deemed as necessary by the S.O or S.O's Representative.