ABSTRACT

Information Technology Department – Tamil Nadu Arasu Cable TV (TACTV) Corporation Limited - Administrative sanction for the introduction of Internet of Things (IoT) enabled Voice activated Hybrid Set Top Box (STB) - Orders - Issued.

INFORMATION TECHNOLOGY (ADMN.2) DEPARTMENT

G.O.(D). No. 44

Dated:09.11.2019
விகாரி, ஐப்பசி–23,
திருவள்ளுவர் ஆண்டு–2050.

Read:

From the Managing Director (FAC), TACTV, Chennai, Letter No. 206572/TACTV-7/ 2019 ,dated 16.08.2019 and 22.08.2019.

ORDER:

During the Budget Session 2019-20, the Hon'ble Minister for Information Technology on 10.07.2019 made the following Announcement on the floor of the Tamil Nadu Legislative Assembly:-

"தமிழ்நாடு அரசு கம்பிவடத் தொலைக்காட்சி நிறுவனம், சந்தாதாரர்களின் பயன்பாட்டிற்காக "IoT" தொழில்நுட்பம் சார்ந்த குரல்வழிச் செயலாக்கம் செய்யும் திறன் வாய்ந்த மேலமர்வுப் பெட்டிகளை அறிமுகப்படுத்த இருக்கிறது. இவ்வகையான மேலமர்வுப் பெட்டிகளைக் கோரும் பயனாளிகள் அதற்கான கட்டணம் செலுத்திப் பெற்றுக் கொள்ளலாம். மாண்புமிகு இதயதெய்வம் புரட்சித்தலைவி அம்மா அவர்களின் நல்லாசியுடன் மேற்கண்ட "IoT" தொழில்நுட்பம் சார்ந்த மேலமர்வுப் பெட்டியில் கீழ்க்காணும் இரண்டு சிறப்பு அம்சங்கள் ஏற்படுத்தப்பட்டுள்ளன.

அ) குரல்வழி மூலமாக தொலைக்காட்சி சேனல்களைச் செயலாக்கம் செய்யலாம்.

ஆ) இந்த மேலமர்வுப் பெட்டிகள் மூலமாக வீட்டு மின்னாற்றல் / மின்னணுவியல் உபகரணங்களைக் கட்டுப்படுத்த முடியும்."

2. Accordingly, the Managing Director (FAC), Tamil Nadu Arasu Cable TV Corporation Limited (TACTV) in the letter read above has sent the following proposal for Internet of Things (IoT) Enabled Set Top Boxes:-

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IoT Enabled Set Top Boxes:

The IoT (Internet of Things) Set Top Boxes are the latest innovation in Set Top Boxes (STBs). The IoT STBs are capable of delivering both Digital Cable TV (with conventional Coaxial cable Input) and streaming of Video channels such as You tube videos, subscribed Over The Top (OTT) services etc. to the Television. The IoT Set Top Boxes are connected to Broadband (through Universal Serial Bus (USB) Port) through the Wi-Fi Router and they are also capable of offering interactive services. These IoT STBs come with packed features such as Wireless File Transfer, Mobile Streaming, Media Player Integration, Voice activated Services, Smart Interface to control home devices such as lights, fans etc. with specially developed Mobile Applications (Mobile Apps)

Requirements for providing IoT services:

The IoT Set Top Boxes will be useful in places where High speed Internet is present and available to the subscribers. Hence, in the initial Stages, the deployment of the IoT Set Top Boxes will be confined to all 32 District Head Quarters. TACTV can get the demand assessment from the subscribers for the IoT enabled Set Top Boxes in all 32 Districts and order can be placed, based on the demand. Since, TACTV Head End is having Conditional Access System (CAS) by the Vendor Gospell, in order to have compatibility, the IoT STB should also have CAS by Gospell in built within it.

Cost Component:

The entire cost of the Hybrid Set Top Boxes has to be borne by the subscriber and will be approximately Rs.3500/- per STB.

The cost includes :

    I.   DVB-C HD STB with Conditional Access System
    II.   Remote, HDMI Cable, AAA Battery, Adaptor
    III.   Alexa Kit with Bluetooth Low Energy Remote
    IV.   Bluetooth and Wi-Fi HUB.
    V.   Alexa & Middlware.
    VI.   Integration cost of Alexa License per STB.

Type of Subscribers:

    a. Existing Subscribers
    b. New Subscribers.

The existing subscribers, who may have Standard Definition (SD) or High Definition (HD) Set Top Box (STB) can swap with the new IoT STB after paying the amount in full for the IoT STB and the new subscribers, will have to pay the amount in full for the IoT STB.

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Operational Model:

Since the cost of IoT STB has to be borne by the Subscribers, TACTV proposes for willingness from interested subscribers for IoT STB through online and full payment of the estimated cost. Based on the number of IoT STBs requests and payments received, TACTV will procure the IoT STB from Government e-Marketplace (GeM) / Expression of Interest / Tender for IoT enabled STB having CAS by Gospell. Hence, TACTV will not be making any investment on procurement of IoT enabled STBs. The Managing Director (FAC), TACTV has, therefore, requested the Government for Administrative sanction to introduce the IoT enabled Voice activated Hybrid Set Top Box for the benefit of TACTV subscribers, on payment by the subscriber.

3.The Government after careful examination of the request of the Managing Director (FAC), TACTV accord administrative approval to the Tamil Nadu Arasu Cable TV Corporation Limited (TACTV) for the introduction of Internet of Things (IoT) enabled Voice activated Hybrid Set Top Box (STB) for the benefit of TACTV subscribers, on payment by the subscriber.

4. This order issues with the concurrence of the Finance Department, vide its U.O. No.54907/Fin.(Ind.)/2019, dated 5.11.2019.

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(By Order of the Governor)

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SANTHOSH BABU
Principal Secretary to Government

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To

The Managing Director (FAC), TACTV, Chennai-8.
The Accountant General, Chennai – 18/9
The Pay and Accounts Officer, Secretariat, Chennai -9.

Copy To :

The Special Personal Assistant to the Hon'ble Minister for Revenue & Disaster
   Management and Information Technology, Secretariat, Chennai - 9.
The Private Secretary to Principal Secretary to Government, Finance Department,
   Secretariat, Chennai-9.
The Principal Private Secretary to Principal Secretary to Government,
   Information Technology Department, Secretariat, Chennai-9.
The Finance(Industries) Department, Secretariat, Chennai-9.
The Resident Audit Officer, Secretariat, Chennai-9.
The Content Creator (CMS) / Moderator (CMS) / Nodal Officer (CMS),
   Information Technology Department, Secretariat, Chennai-9.(with a request to host the
   Government Order in the Government website)
Sf/Sc.

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// Forwarded / By Order //

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Section Officer

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